

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111254.D
 Acq On : 10 Dec 2018 20:47
 Operator : JU/SJ
 Sample : J6282-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618MS

Manual Integrations
 APPROVED

Sohil
 12/11/2018 2:23:36 PM

Quant Time: Dec 11 05:52:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	542197	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2046722	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	832611	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1162526	20.00	ng	0.00
76) Chrysene-d12	13.99	240	447710	20.00	ng	0.03
87) Perylene-d12	15.43	264	507443	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	3644149	106.13	ng	0.02
7) Phenol-d6	6.44	99	4775997	111.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	2979957	81.66	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	723406	98.08	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4142011	87.14	ng	0.00
79) Terphenyl-d14	12.92	244	2027448	108.62	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	484364	27.493	ng	99
3) Pyridine	3.32	79	1057804	22.601	ng	97
4) n-Nitrosodimethylamine	3.23	42	730768	36.620	ng	97
6) Aniline	6.45	93	78172	1.374	ng	# 1
8) 2-Chlorophenol	6.59	128	1382113	35.412	ng	96
9) Benzaldehyde	6.35	77	471954	15.906	ng	99
10) Phenol	6.45	94	1979182	39.667	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	1850072	47.943	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1427527	34.040	ng	98
13) 1,4-Dichlorobenzene	6.82	146	1431248	33.800	ng	99
14) 1,2-Dichlorobenzene	6.97	146	1335476	33.814	ng	99
15) Benzyl Alcohol	6.95	79	1206091	35.717	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2546392	35.246	ng	99
17) 2-Methylphenol	7.06	107	1171694	36.771	ng	99
18) Hexachloroethane	7.32	117	543675	33.723	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	977572	34.199	ng	97
20) 3+4-Methylphenols	7.21	107	1376389	36.315	ng	96
22) Acetophenone	7.21	105	1812951	38.713	ng	98
24) Nitrobenzene	7.39	77	1471712	38.751	ng	94
25) Isophorone	7.62	82	2618066	42.124	ng	99
26) 2-Nitrophenol	7.70	139	721290	38.225	ng	98
27) 2,4-Dimethylphenol	7.74	122	1252719	42.962	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1675794	38.937	ng	99
29) 2,4-Dichlorophenol	7.94	162	1104650	37.050	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	1074206	36.577	ng	99
31) Naphthalene	8.11	128	3593225	40.225	ng	100
32) Benzoic acid	7.84	122	507175	21.034	ng	97
33) 4-Chloroaniline	8.16	127	293593	6.843	ng	97
34) Hexachlorobutadiene	8.23	225	573187	35.357	ng	97
35) Caprolactam	8.52	113	405692m	38.399	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1200707	39.333	ng	100
37) 2-Methylnaphthalene	8.80	142	2360592	39.804	ng	98
38) 1-Methylnaphthalene	8.90	142	2233996	38.465	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	866439	37.399	ng	99

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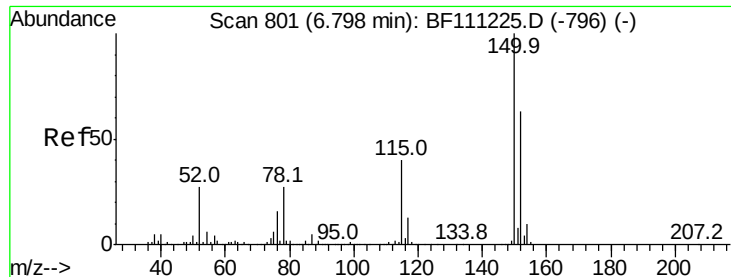
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	400138	30.327	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	664459	38.208	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	711972	39.301	ng	96
46) 1,1'-Biphenyl	9.26	154	2537846	36.804	ng	99
47) 2-Chloronaphthalene	9.29	162	2014393	36.975	ng	99
48) 2-Nitroaniline	9.37	65	731345	39.353	ng	98
49) Acenaphthylene	9.70	152	2968692	37.536	ng	98
50) Dimethylphthalate	9.56	163	2614850	42.563	ng	100
51) 2,6-Dinitrotoluene	9.62	165	543069	40.028	ng	96
52) Acenaphthene	9.87	154	1963202	39.555	ng	99
53) 3-Nitroaniline	9.78	138	261008	15.586	ng	97
54) 2,4-Dinitrophenol	9.89	184	403714	75.301	ng	93
55) Dibenzofuran	10.05	168	2569220	38.050	ng	99
56) 4-Nitrophenol	9.95	139	984155	75.458	ng	95
57) 2,4-Dinitrotoluene	10.02	165	697565	41.707	ng	96
58) Fluorene	10.39	166	1824572	34.919	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	507384	36.950	ng	99
60) Diethylphthalate	10.26	149	2160847	36.893	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	823510	31.743	ng	97
62) 4-Nitroaniline	10.40	138	491563	31.023	ng	99
63) Azobenzene	10.54	77	2008921	33.037	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	273704	39.939	ng	95
66) n-Nitrosodiphenylamine	10.50	169	1706680	43.127	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	489255	38.424	ng	96
68) Hexachlorobenzene	10.94	284	474992	36.671	ng	95
69) Atrazine	11.03	200	469157	38.986	ng	98
70) Pentachlorophenol	11.13	266	580510	61.780	ng	97
71) Phenanthrene	11.35	178	2362364	40.288	ng	96
72) Anthracene	11.40	178	2357947	38.437	ng	98
73) Carbazole	11.55	167	2254236	35.142	ng	98
74) Di-n-butylphthalate	11.89	149	2488239	37.739	ng	98
75) Fluoranthene	12.54	202	1802380	33.649	ng	99
77) Benzidine	12.66	184	17669	1.329	ng	# 1
78) Pyrene	12.77	202	1702495	53.214	ng	97
80) Butylbenzylphthalate	13.40	149	648353	38.798	ng	94
81) Benzo(a)anthracene	13.97	228	1003328	40.169	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	127762	12.480	ng	# 78
83) Chrysene	14.01	228	1054379	40.947	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	1577650	79.451	ng	# 98
85) Di-n-octyl phthalate	14.58	149	1270569	38.175	ng	# 38
86) Indeno(1,2,3-cd)pyrene	16.87	276	1226538	59.008	ng	97
88) Benzo(b)fluoranthene	15.02	252	1135251	40.454	ng	# 74
89) Benzo(k)fluoranthene	15.04	252	986459	37.388	ng	# 75
90) Benzo(a)pyrene	15.37	252	1089273	42.151	ng	# 77
91) Dibenzo(a,h)anthracene	16.88	278	1024886	50.493	ng	# 94
92) Benzo(g,h,i)perylene	17.29	276	1049475	51.651	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

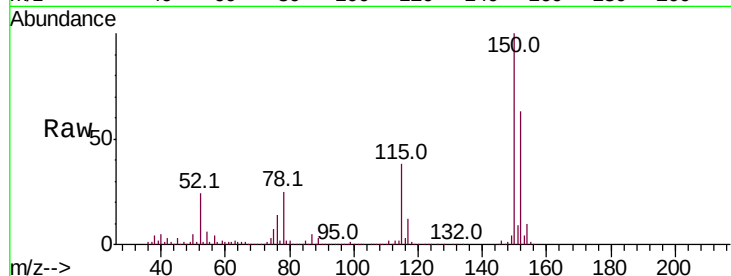
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	189.8
115	60.5	50.7	76.1

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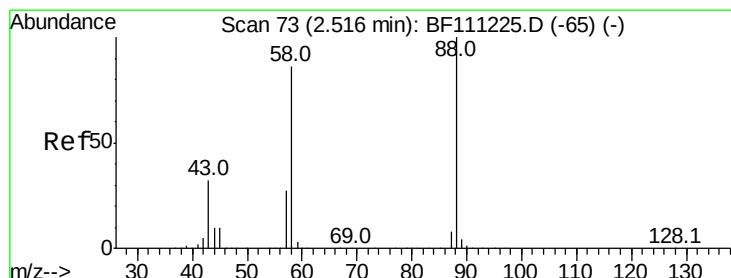
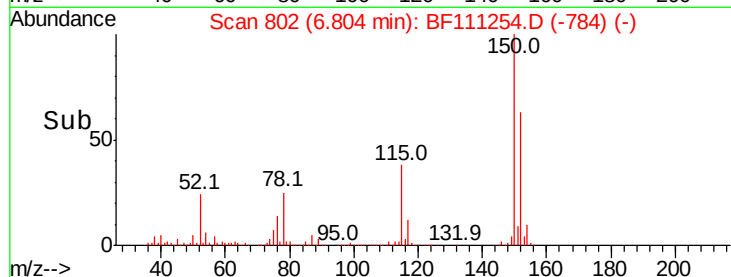
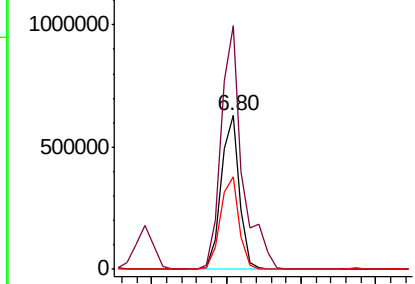


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

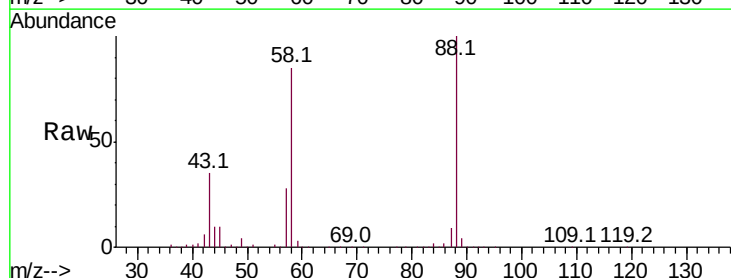
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.493 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.05 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	68.9	103.3
43	33.1	25.8	38.6

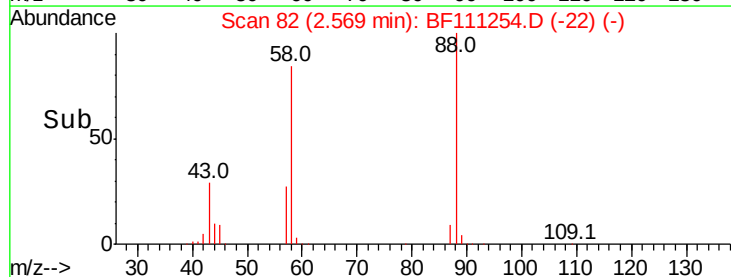
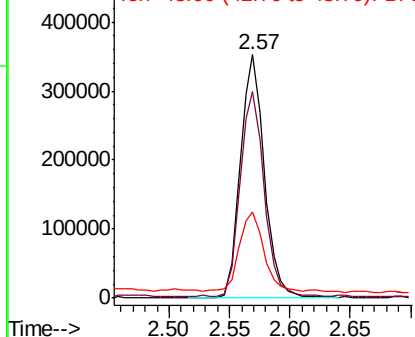


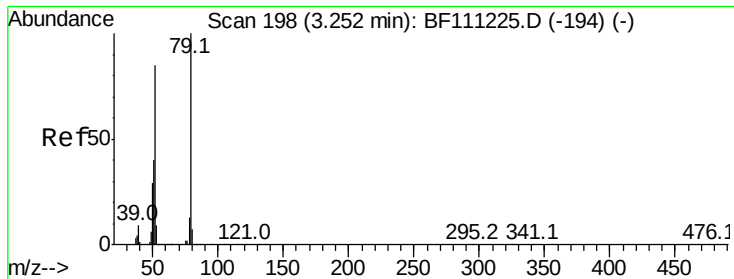
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 22.601 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

ClientSampleId :

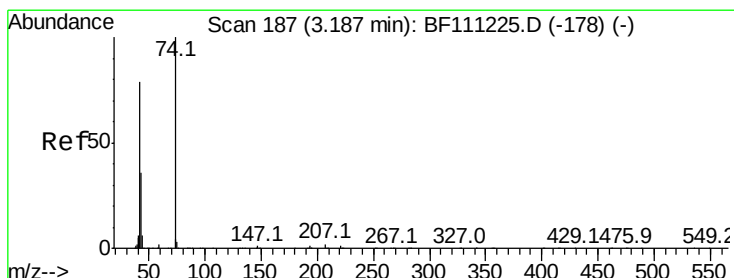
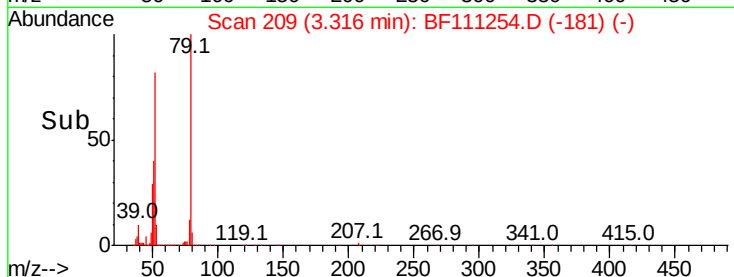
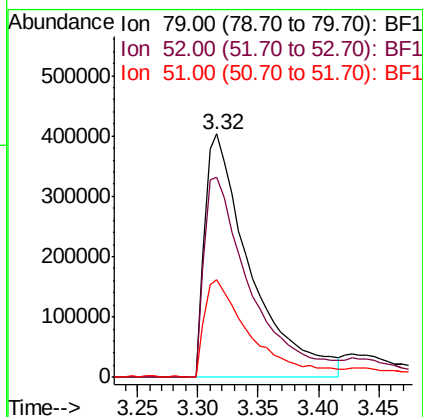
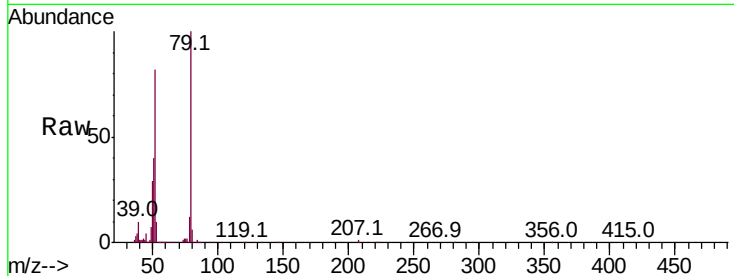
AU-7-120618MS

Tot Ion: 79 Resp: 1057804

Ion	Ratio	Lower	Upper
79	100		
52	82.0	68.3	102.5
51	40.2	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 36.620 ng

RT: 3.23 min Scan# 195

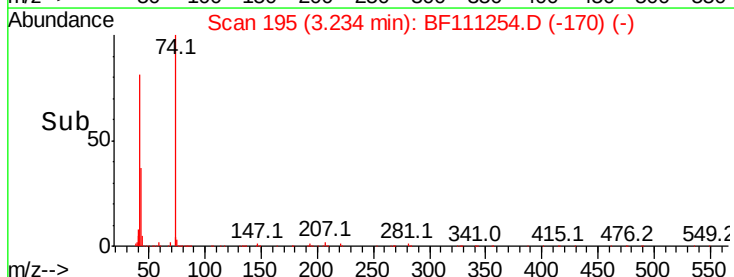
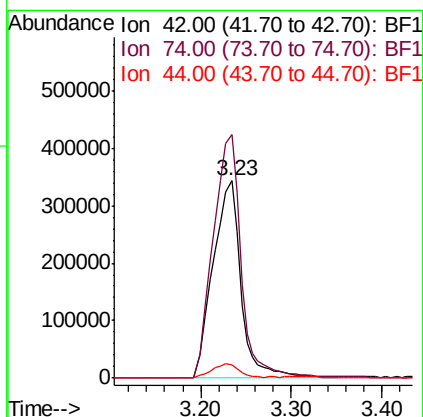
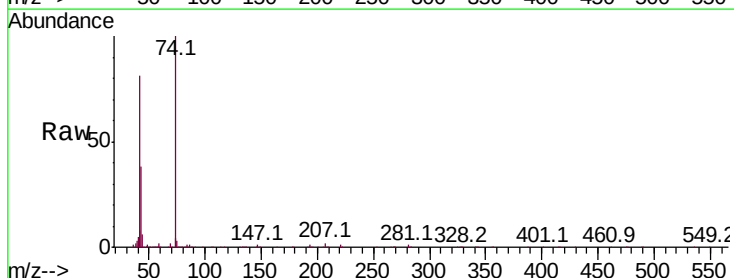
Delta R.T. 0.05 min

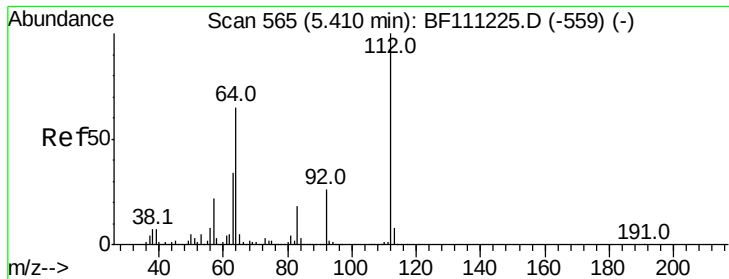
Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Tgt Ion: 42 Resp: 730768

Ion	Ratio	Lower	Upper
42	100		
74	123.3	101.5	152.3
44	7.0	6.0	9.0





#5

2-Fluorophenol

Concen: 106.131 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MS

Tot Ion:112 Resp: 3644149

Ion Ratio Lower Upper

112 100

64 60.8 51.8 77.6

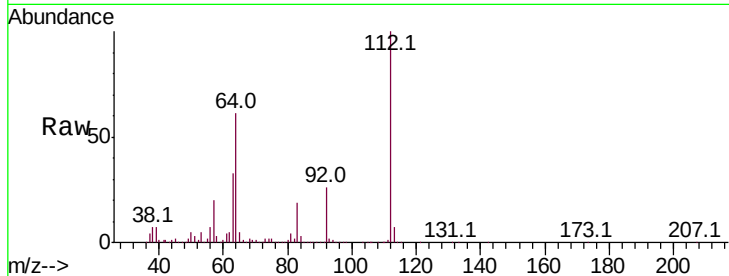
63 32.8 26.8 40.2

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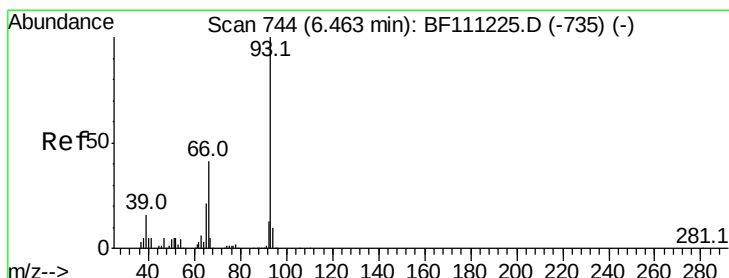
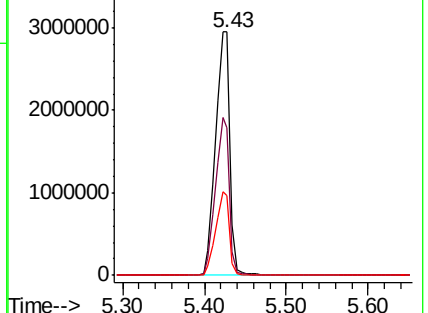
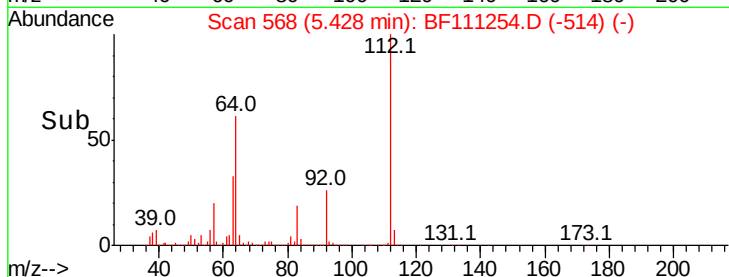
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 1.374 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

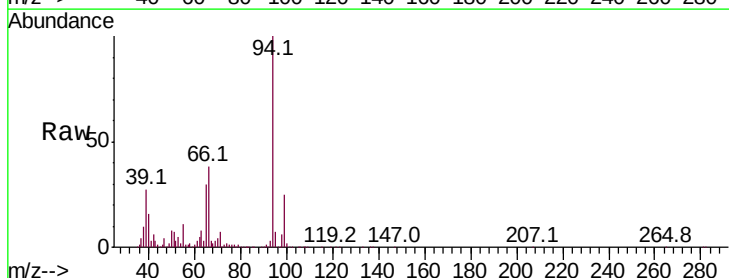
Tgt Ion: 93 Resp: 78172

Ion Ratio Lower Upper

93 100

66 1155.3 33.2 49.8#

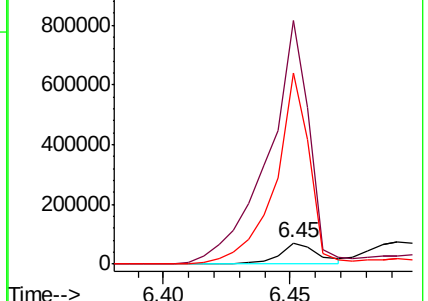
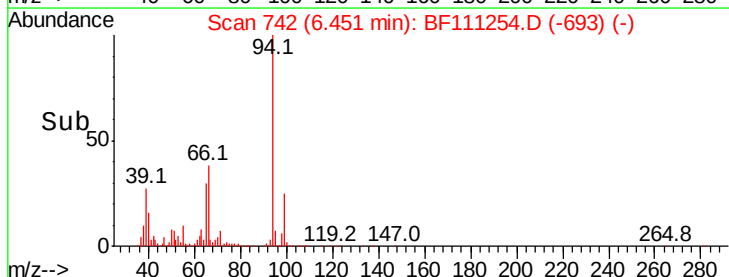
65 905.2 17.0 25.4#

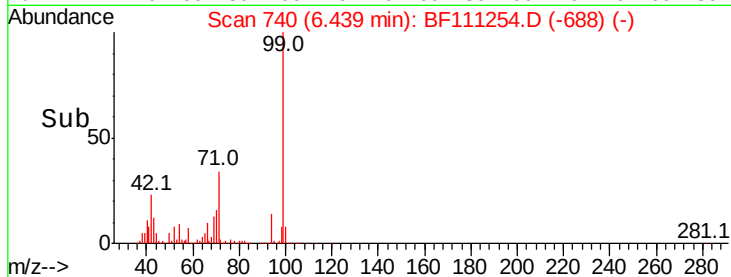
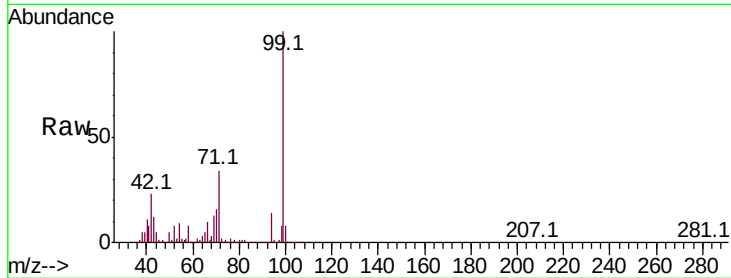
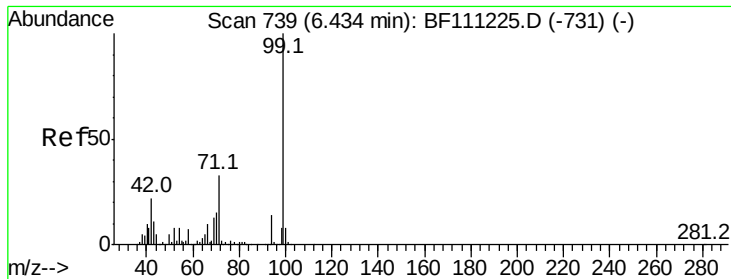


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.924 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Tot Ion: 99 Resp: 4775997

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

71 34.0 26.1 39.1

Instrument :

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ClientSampleId :

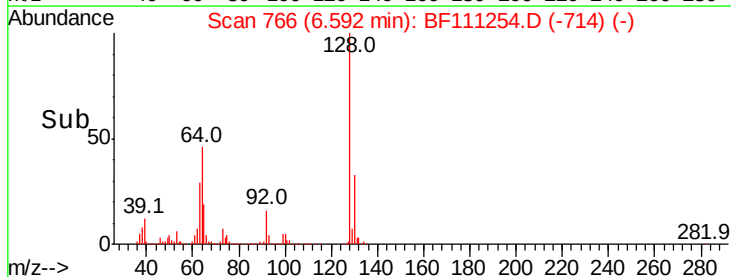
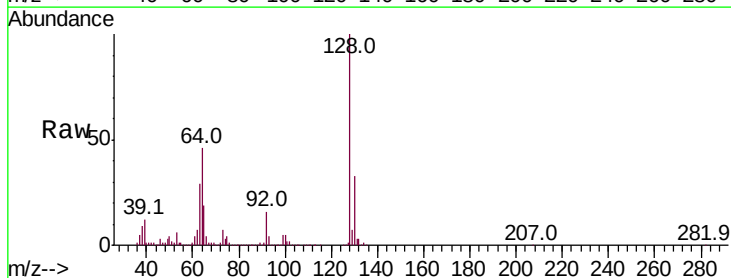
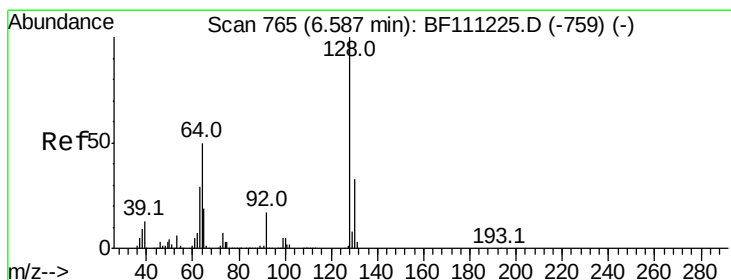
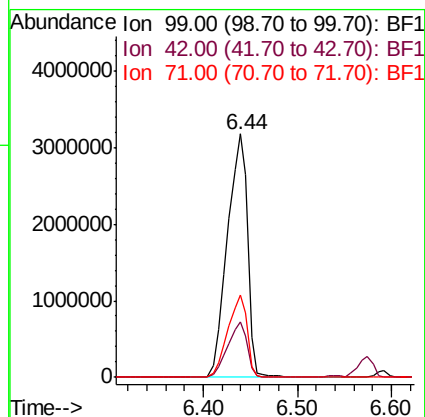
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#8

2-Chlorophenol

Concen: 35.412 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

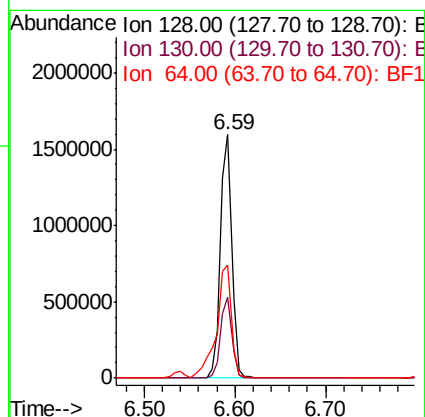
Tgt Ion:128 Resp: 1382113

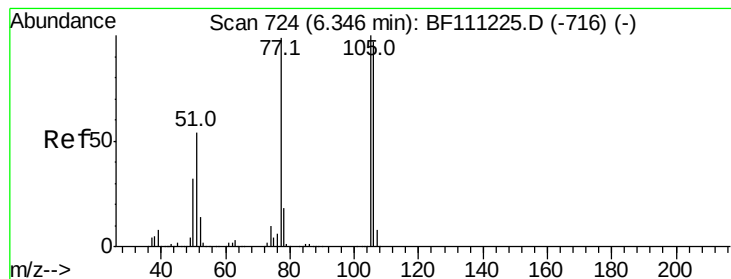
Ion Ratio Lower Upper

128 100

130 33.5 12.7 52.7

64 46.3 30.0 70.0





#9

Benzaldehyde

Concen: 15.906 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

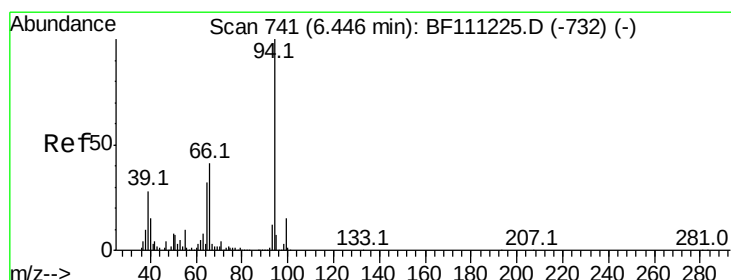
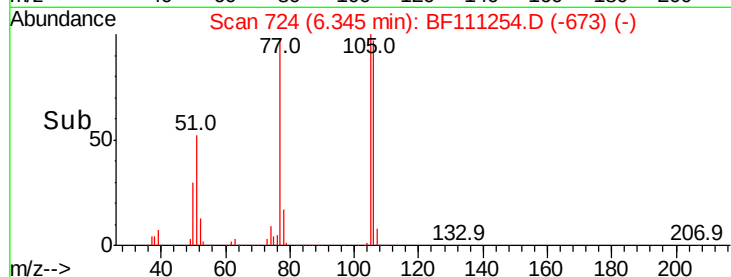
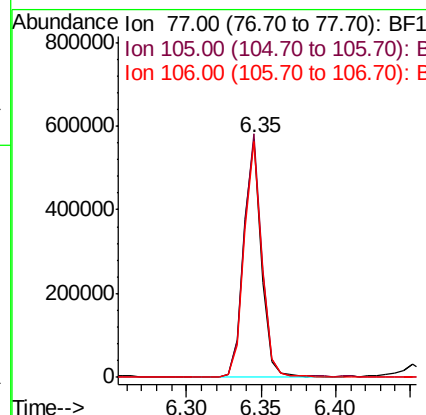
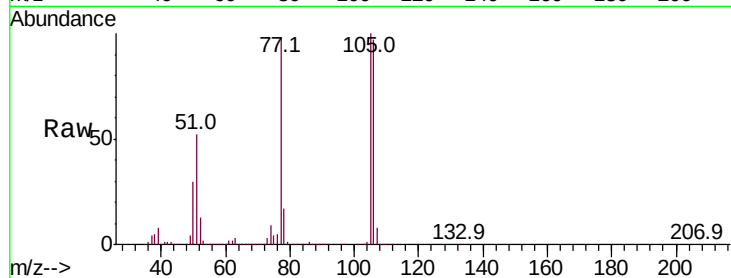
ClientSampleId :

AU-7-120618MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	102.0	81.4	121.4		
106	99.1	77.9	117.9		

Manual Integrations
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#10

Phenol

Concen: 39.667 ng

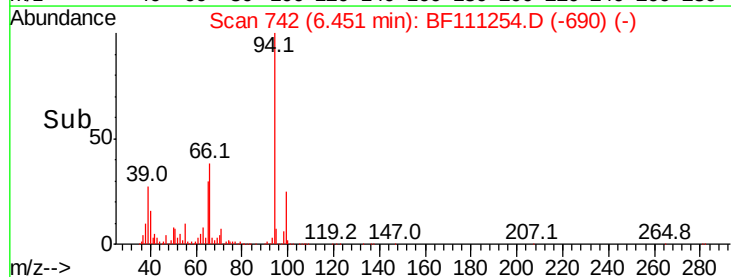
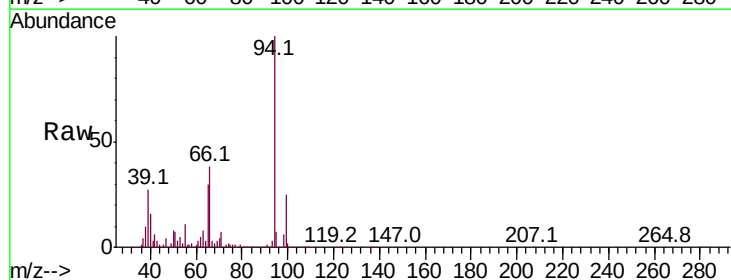
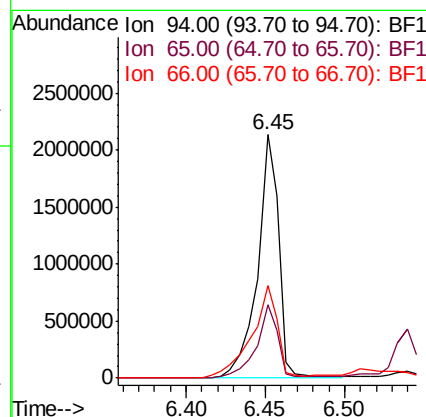
RT: 6.45 min Scan# 742

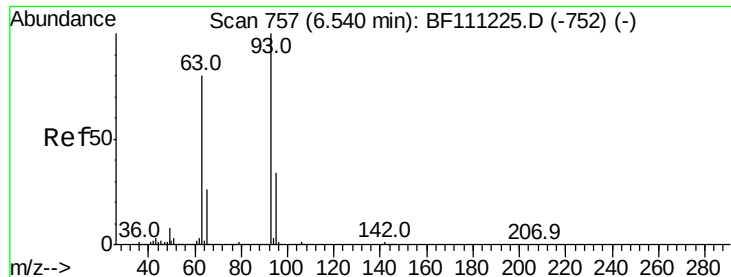
Delta R.T. 0.01 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	29.9	11.7	51.7	
66	38.2	21.0	61.0	





#11

bis(2-Chloroethyl)ether

Concen: 47.943 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MS

Tot Ion: 93 Resp: 1850072

Ion Ratio Lower Upper

93 100

63 78.5 60.0 100.0

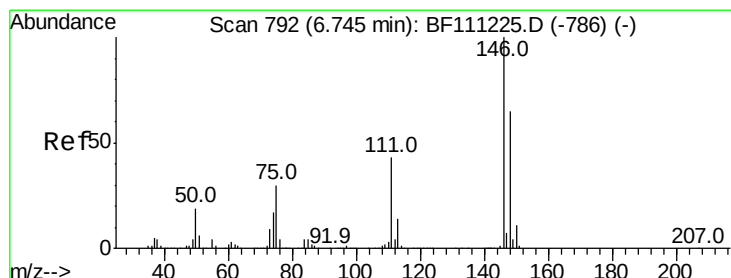
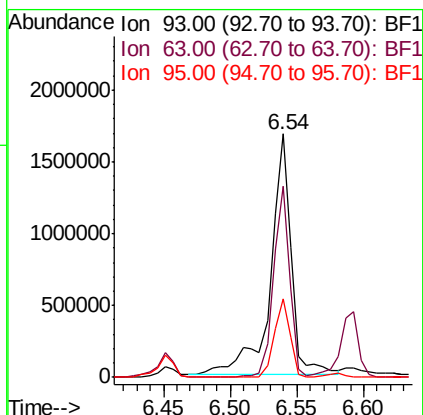
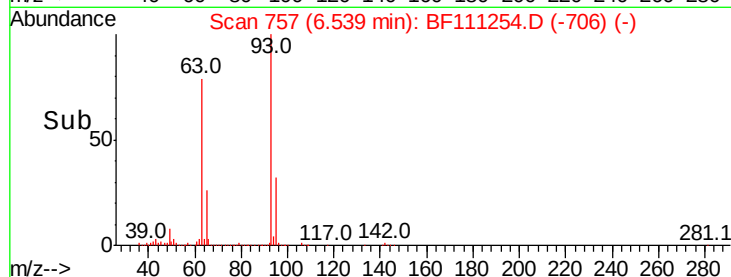
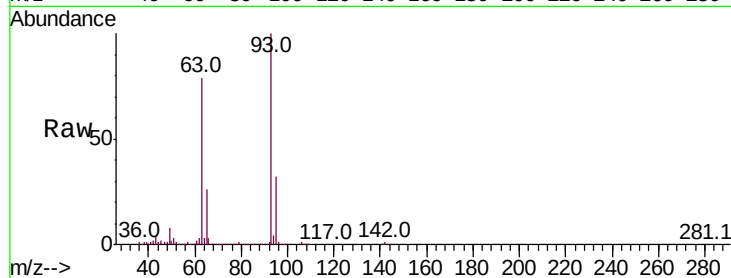
95 32.1 13.4 53.4

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 34.040 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

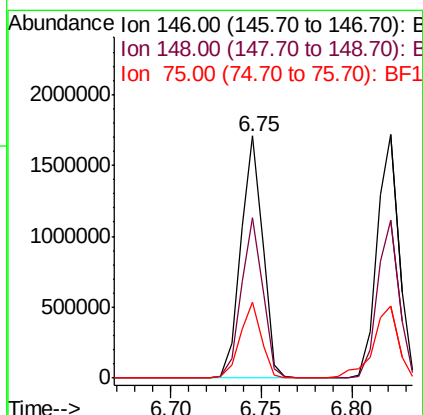
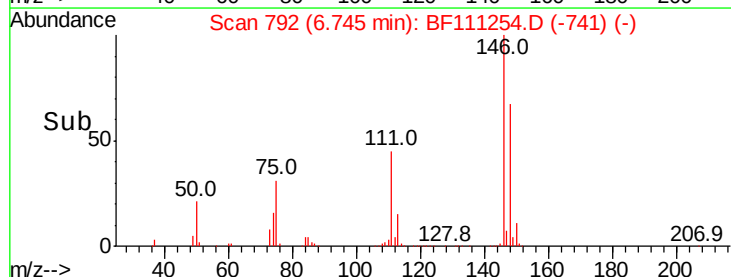
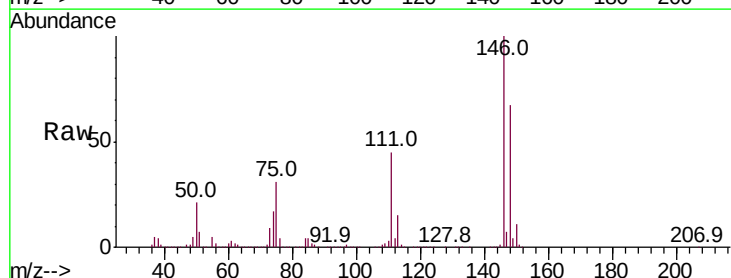
Tgt Ion: 146 Resp: 1427527

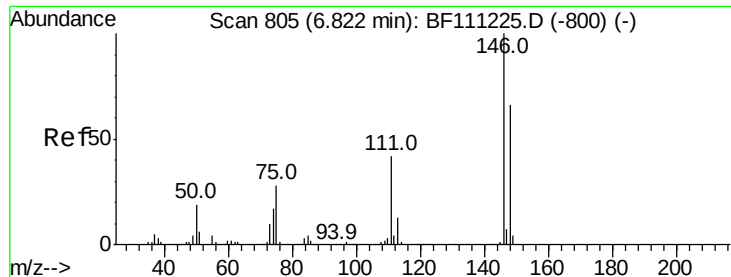
Ion Ratio Lower Upper

146 100

148 66.5 52.1 78.1

75 31.3 23.9 35.9





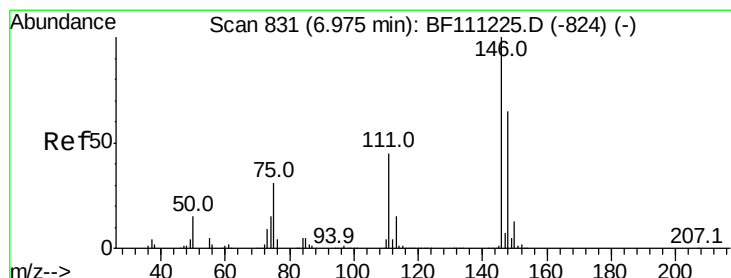
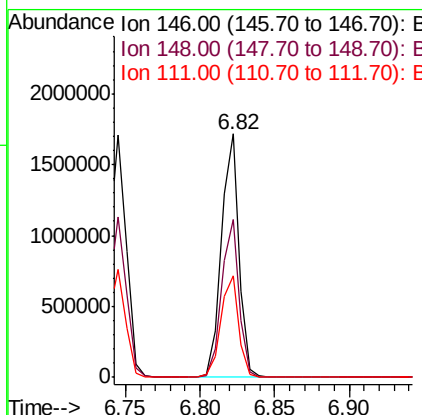
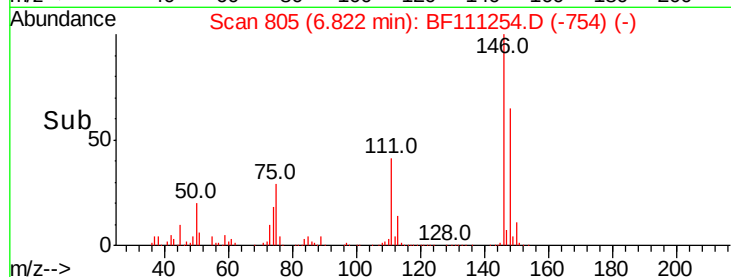
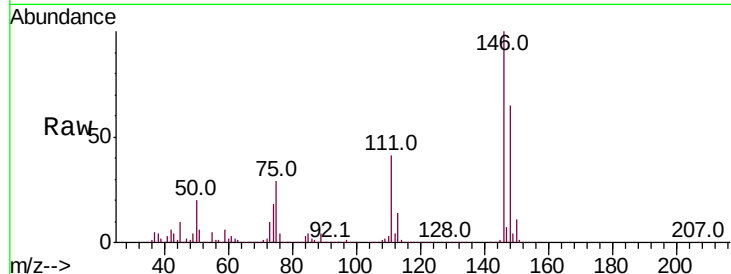
#13
1,4-Dichlorobenzene
Concen: 33.800 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion:146 Resp: 1431248
Ion Ratio Lower Upper
146 100
148 64.8 52.8 79.2
111 41.5 33.4 50.0

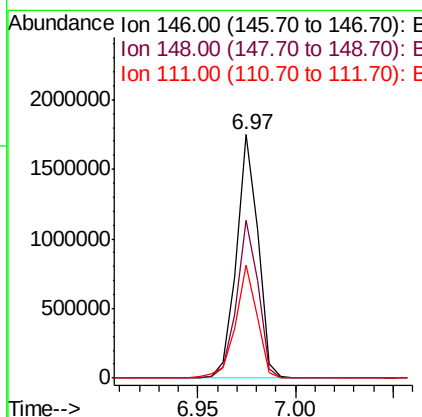
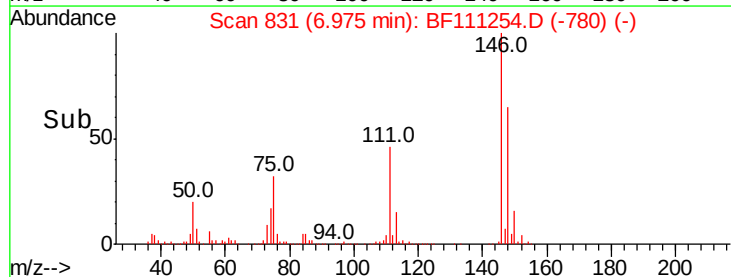
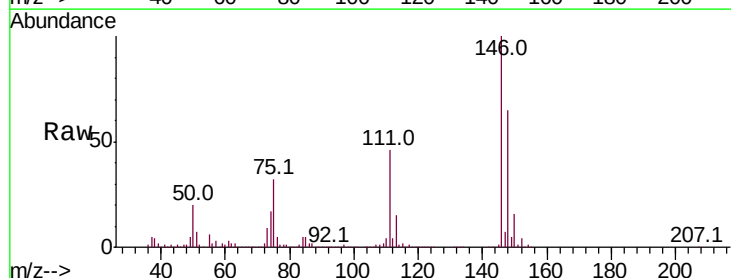
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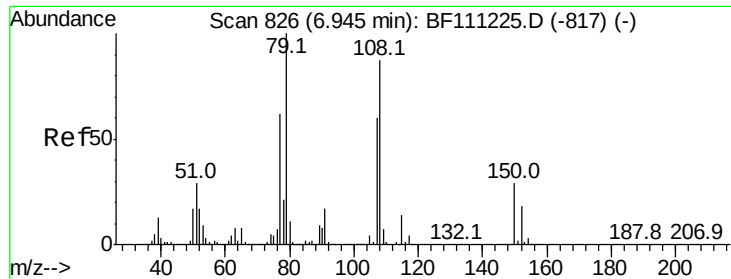
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#14
1,2-Dichlorobenzene
Concen: 33.814 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion:146 Resp: 1335476
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
111 46.4 36.2 54.4





#15

Benzyl Alcohol

Concen: 35.717 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MS

Tot Ion: 79 Resp: 1206091

Ion Ratio Lower Upper

79 100

108 80.7 69.4 104.2

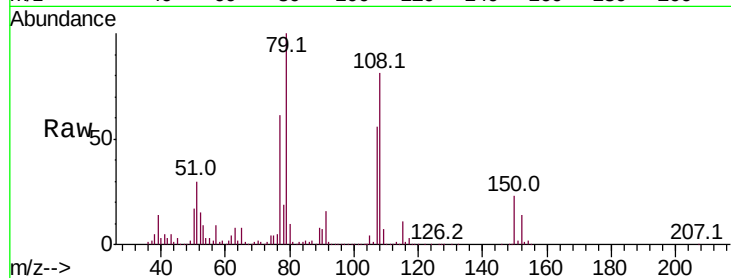
77 61.4 49.7 74.5

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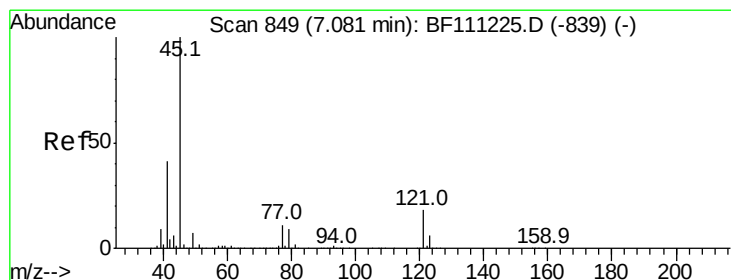
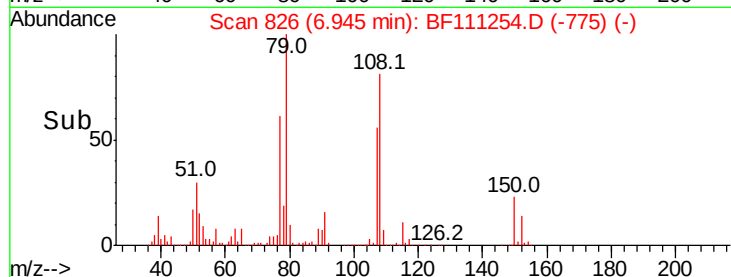
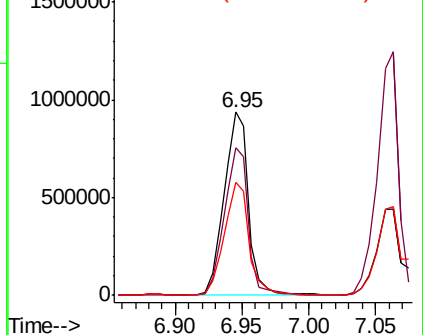
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.246 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

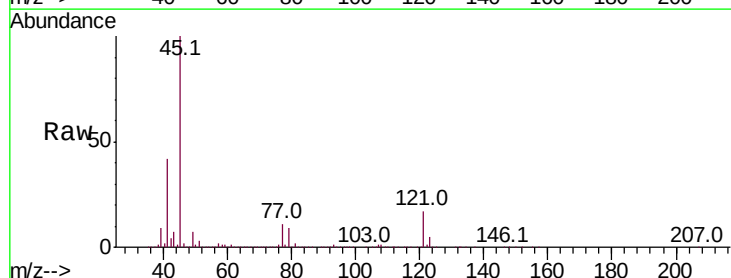
Tgt Ion: 45 Resp: 2546392

Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.5

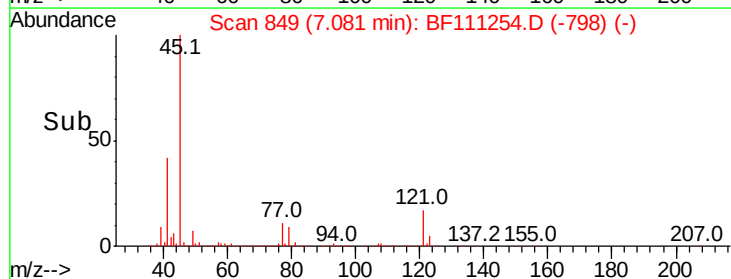
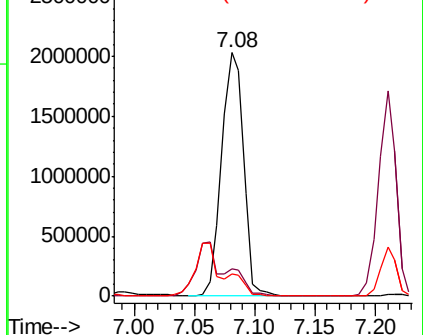
79 9.0 0.0 28.9

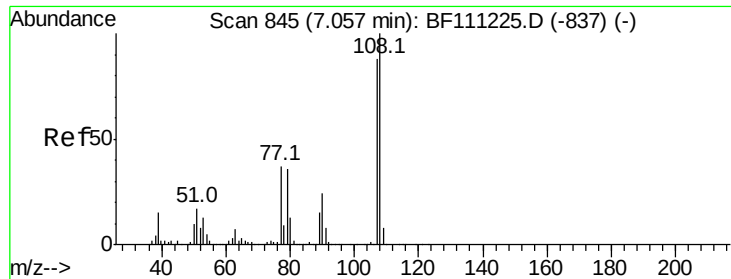


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 36.771 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MS

Tot Ion:107 Resp: 1171694

Ion Ratio Lower Upper

107 100

108 114.3 91.0 136.4

77 41.8 33.5 50.3

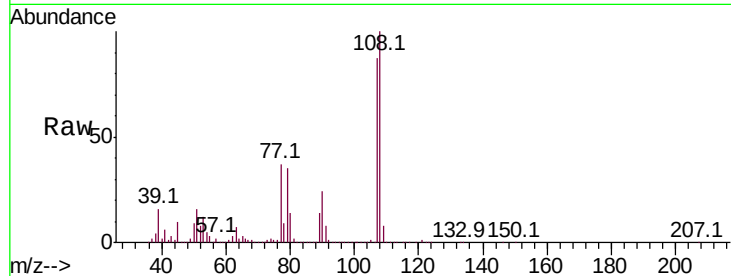
79 40.3 33.3 49.9

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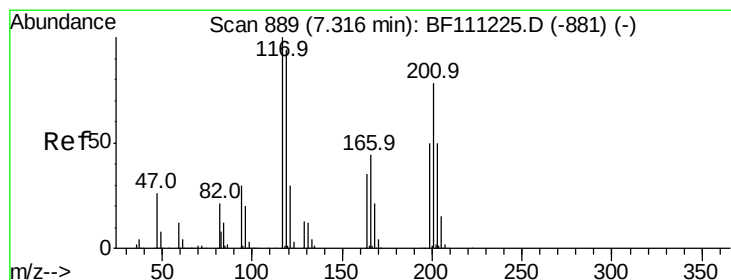
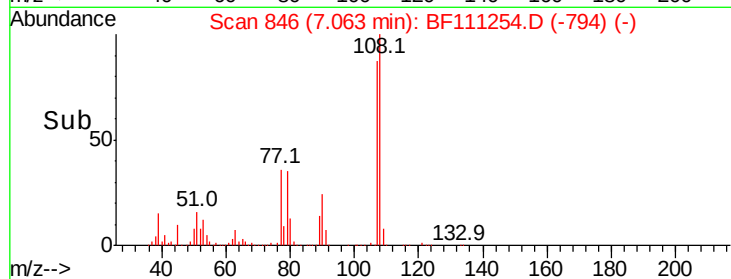
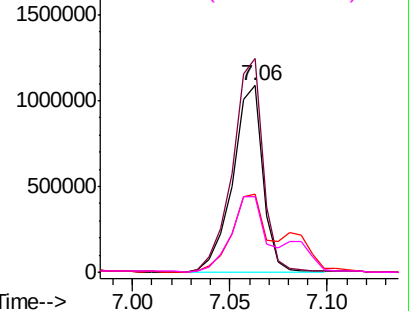


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 33.723 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.01 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

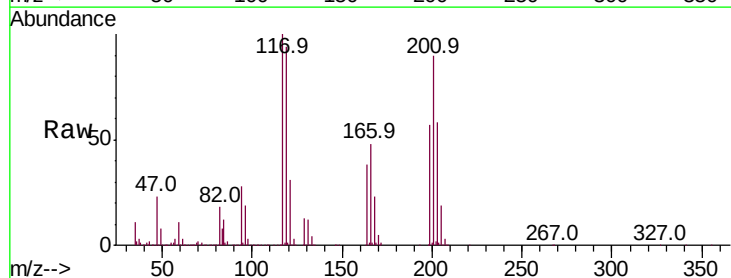
Tgt Ion:117 Resp: 543675

Ion Ratio Lower Upper

117 100

119 94.4 75.4 113.0

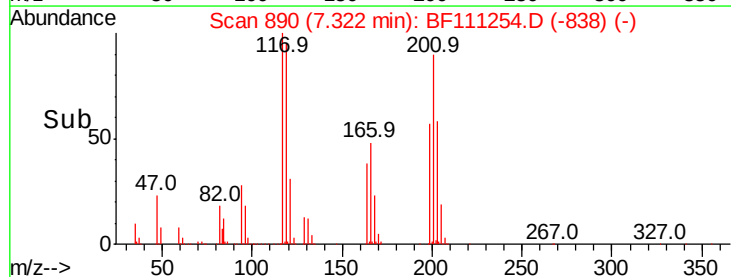
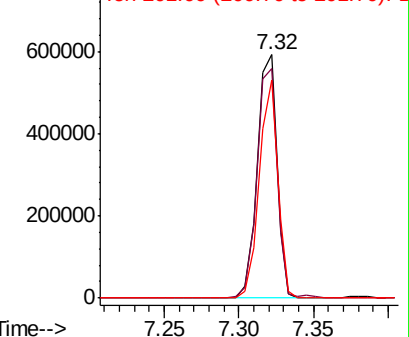
201 89.6 62.4 93.6

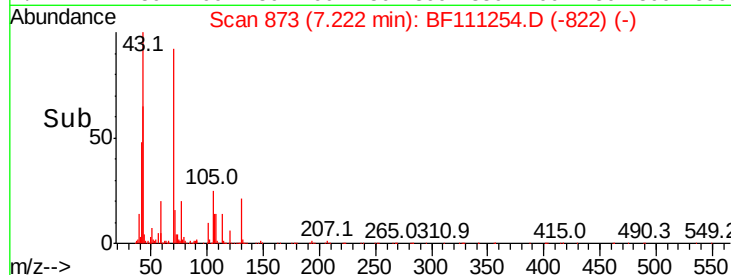
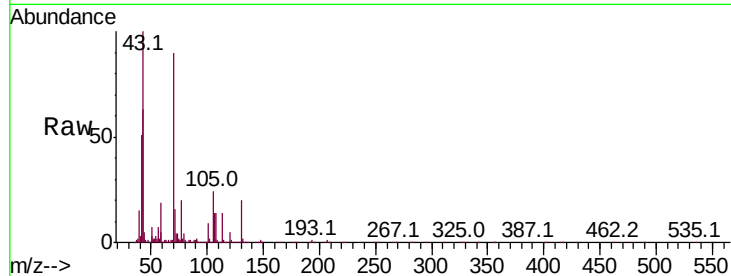
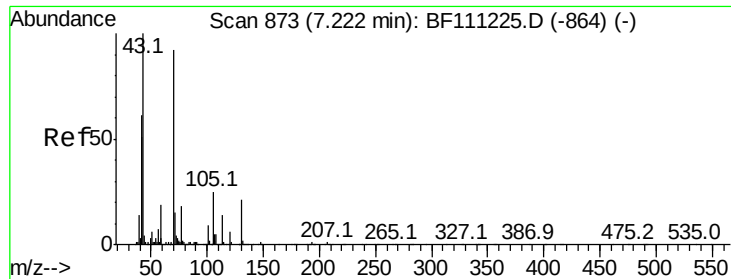


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





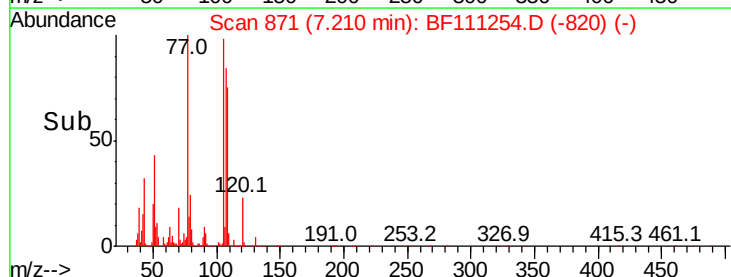
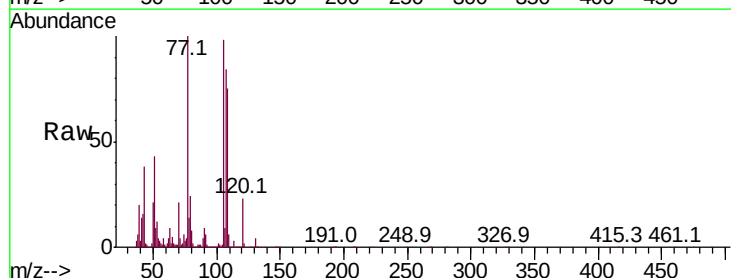
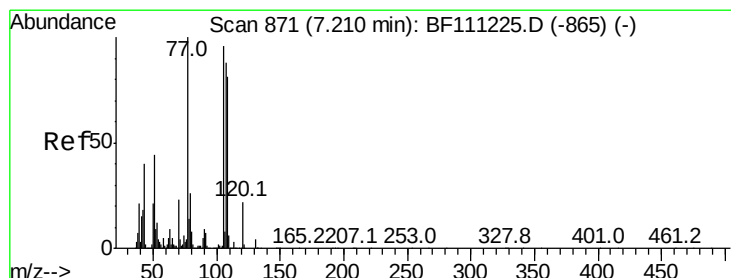
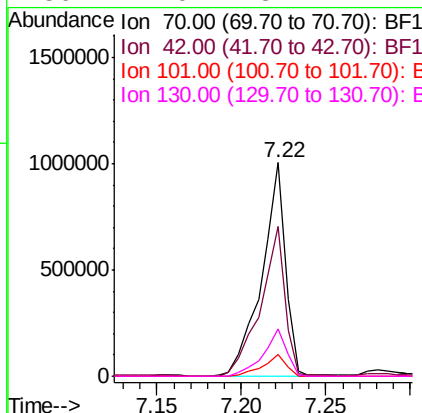
#19
n-Nitroso-di-n-propylamine
Concen: 34.199 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.2	53.2	79.8	
101	10.1	8.2	12.4	
130	22.0	18.1	27.1	

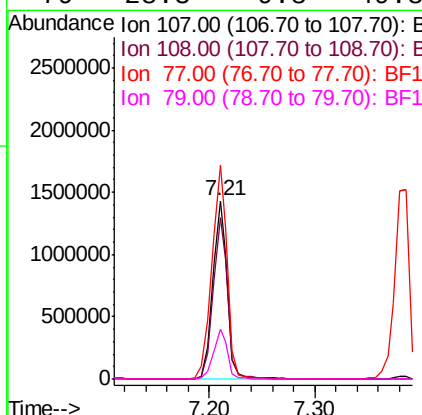
Manual Integrations
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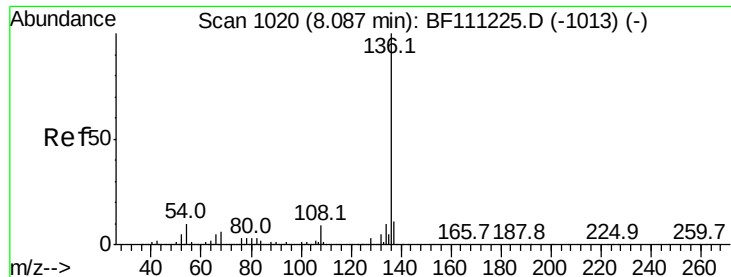
Sohil
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#20
3+4-Methylphenols
Concen: 36.315 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	72.1	112.1	
77	119.7	94.1	134.1	
79	28.3	9.8	49.8	





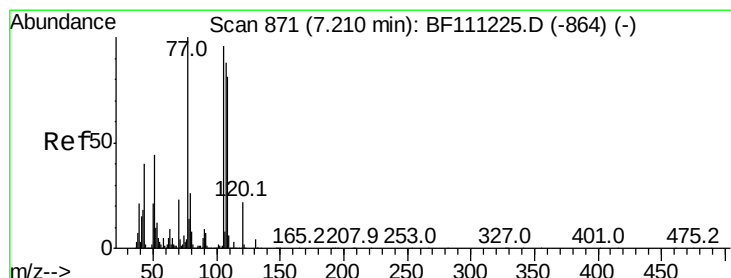
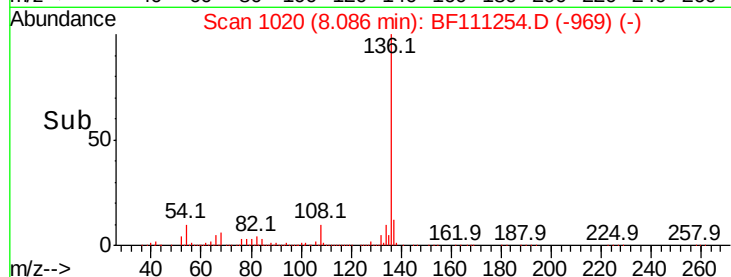
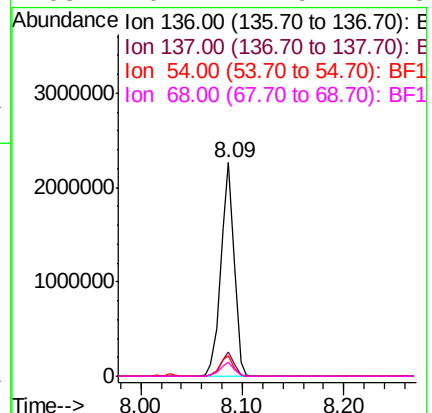
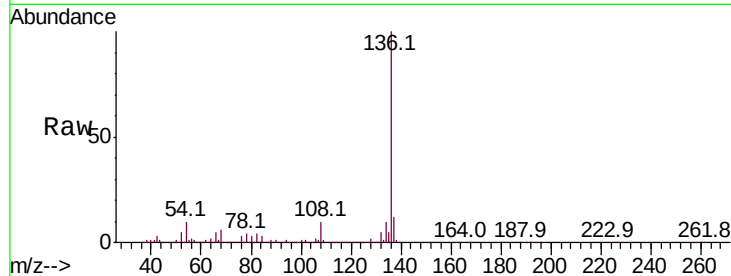
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	9.8	7.7	11.5
68	6.4	4.9	7.3

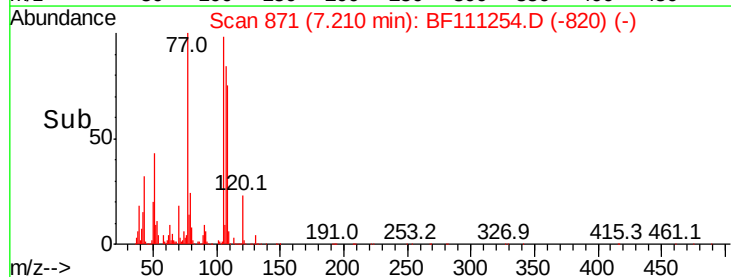
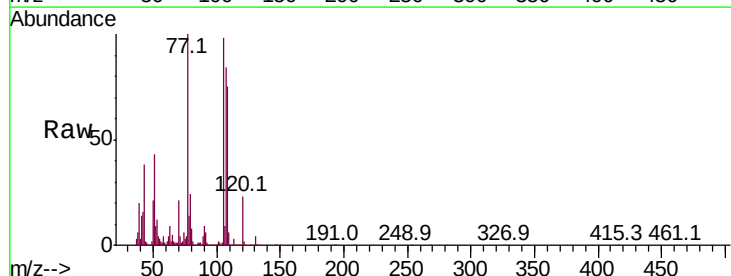
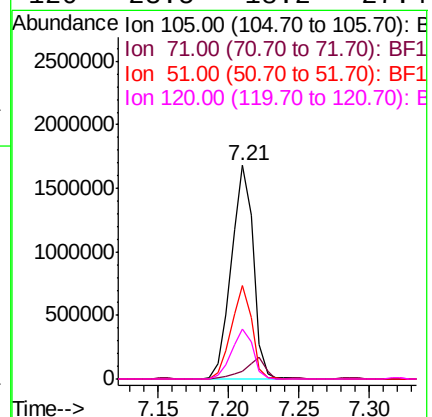
Manual Integrations
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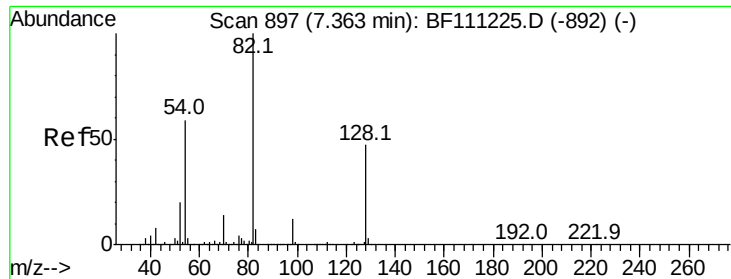
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#22
Acetophenone
Concen: 38.713 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.1	4.7
51	43.9	36.6	54.8
120	23.5	18.2	27.4





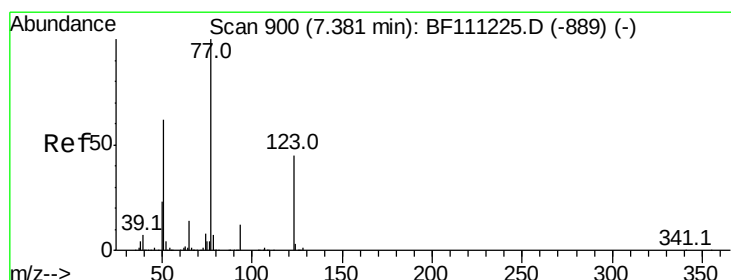
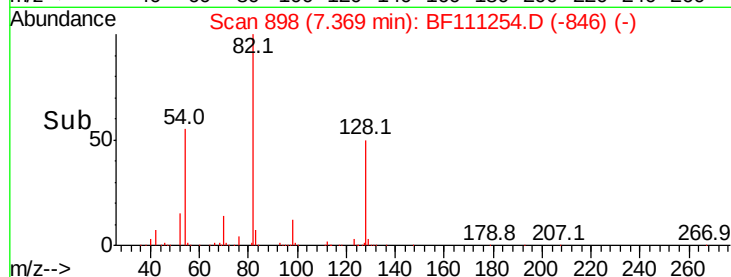
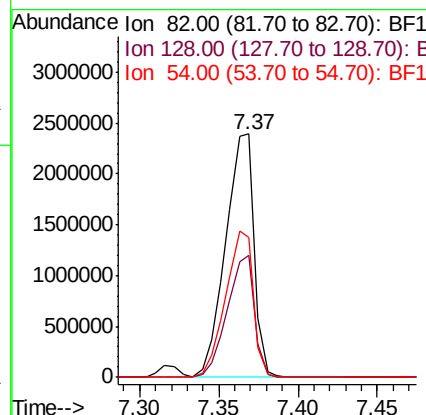
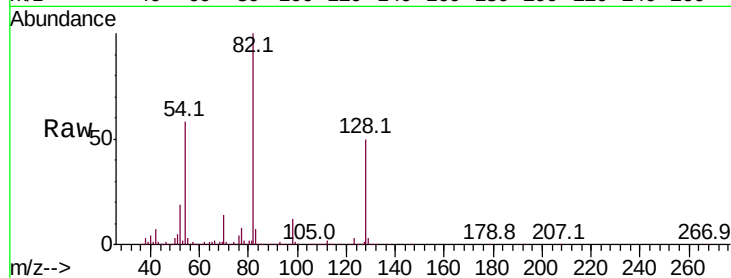
#23
 Nitrobenzene-d5
 Concen: 81.663 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618MS

Tot Ion: 82 Resp: 2979957
 Ion Ratio Lower Upper
 82 100
 128 50.0 37.4 56.2
 54 57.7 47.6 71.4

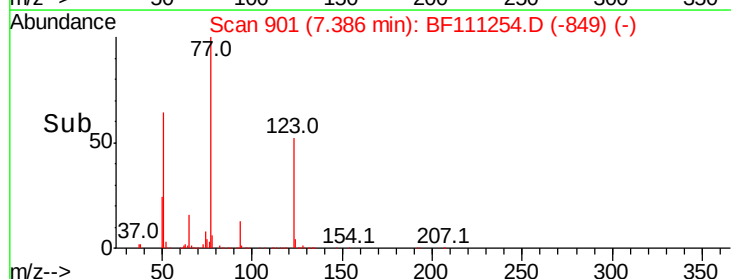
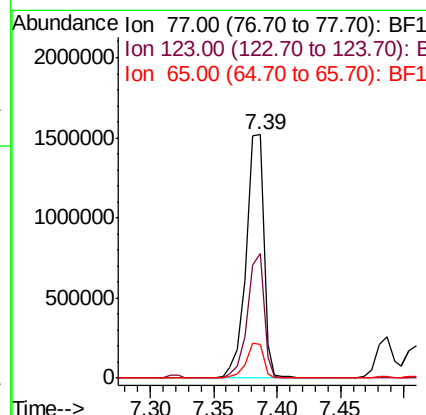
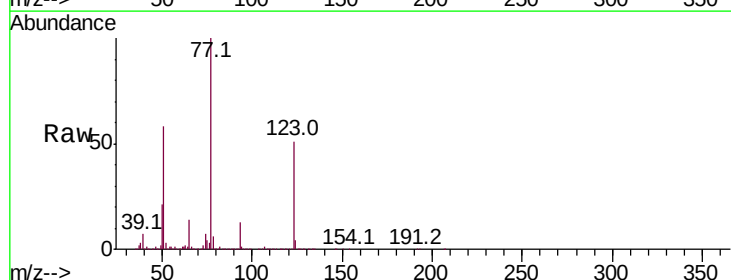
Manual Integrations
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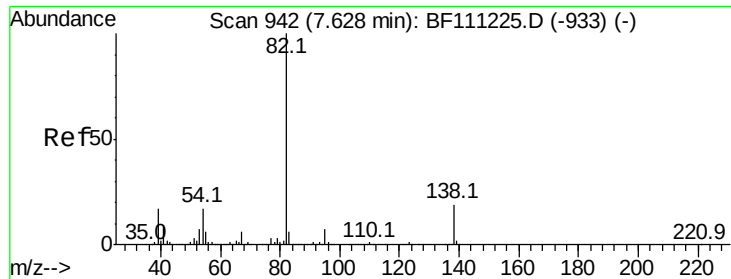
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#24
 Nitrobenzene
 Concen: 38.751 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Tgt Ion: 77 Resp: 1471712
 Ion Ratio Lower Upper
 77 100
 123 51.3 37.2 55.8
 65 13.8 11.5 17.3





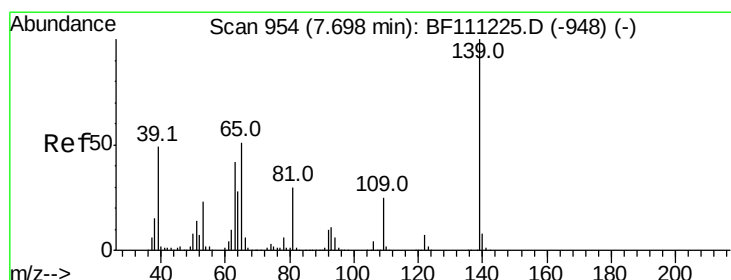
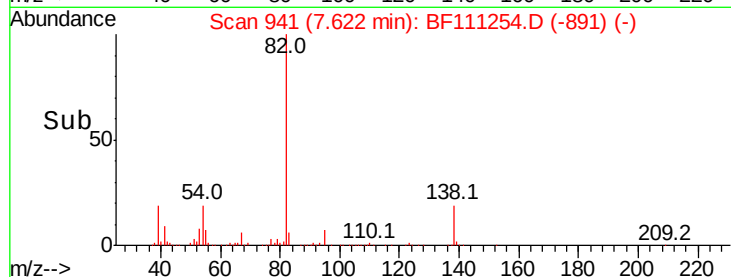
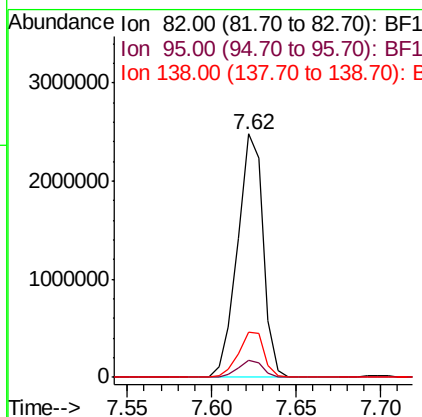
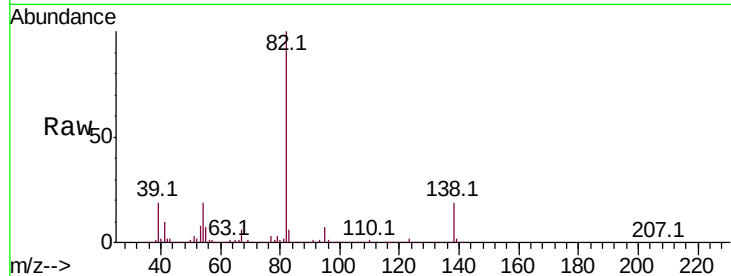
#25
Isophorone
Concen: 42.124 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion: 82 Resp: 2618066
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 18.5 15.1 22.7

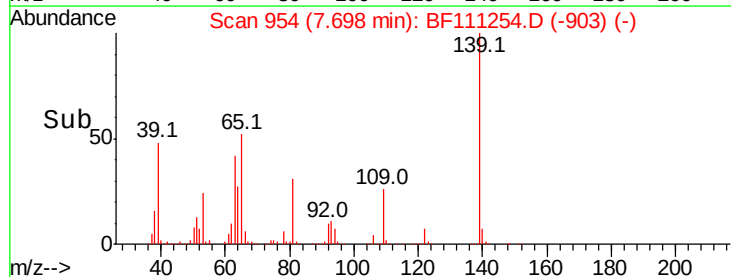
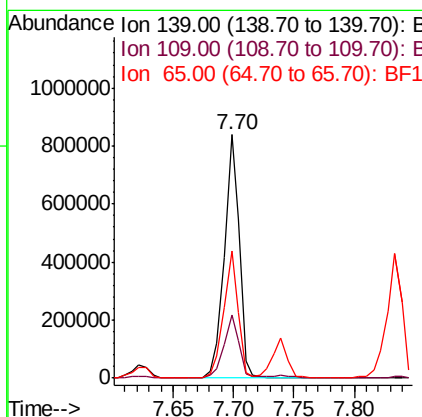
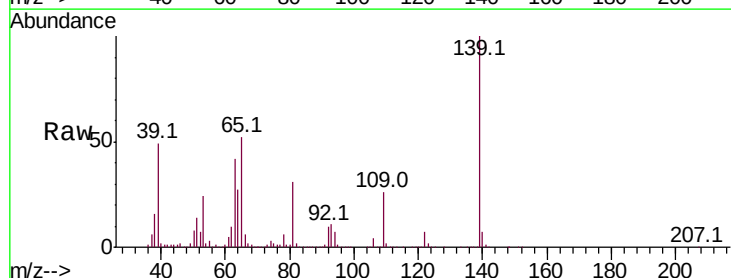
Manual Integrations
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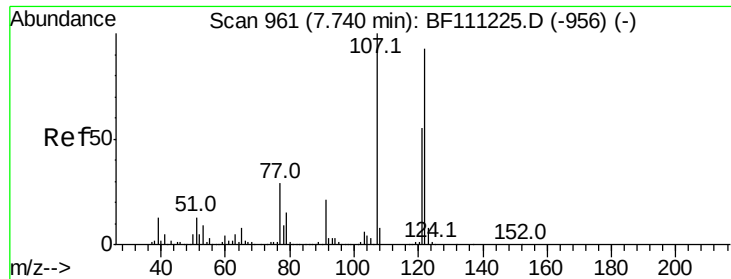
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#26
2-Nitrophenol
Concen: 38.225 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion: 139 Resp: 721290
Ion Ratio Lower Upper
139 100
109 25.9 20.2 30.4
65 52.4 40.7 61.1





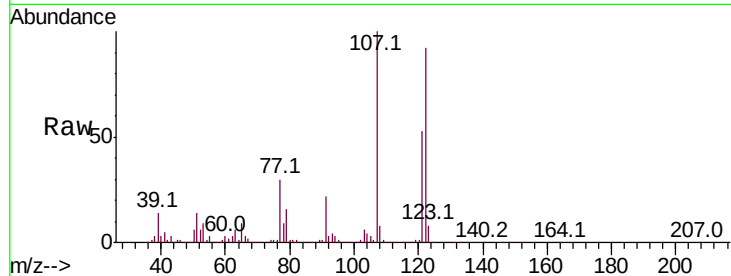
#27
2,4-Dimethylphenol
Concen: 42.962 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

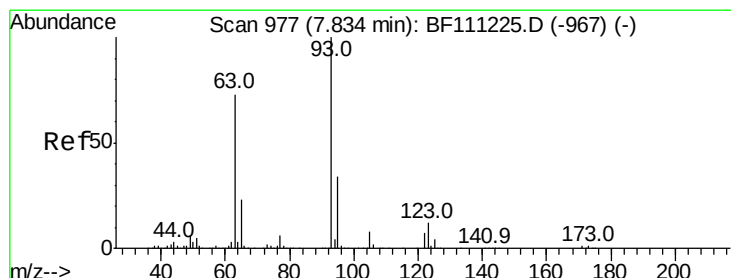
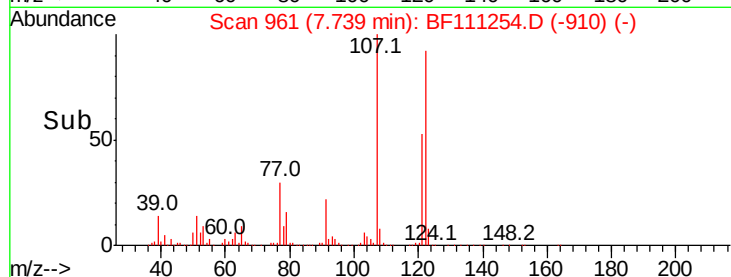
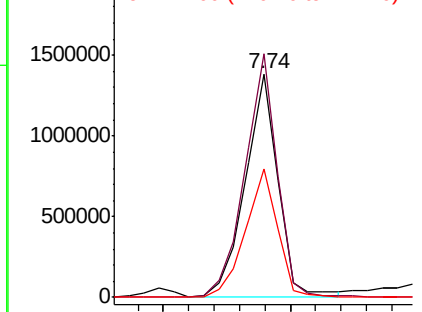
Tot Ion:122 Resp: 1252719
Ion Ratio Lower Upper
122 100
107 109.1 85.5 128.3
121 57.7 46.6 70.0

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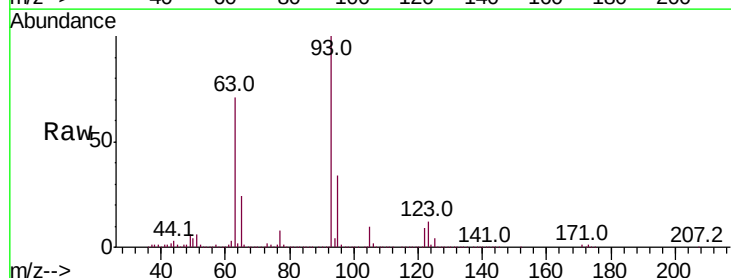


Abundance Ion 122.00 (121.70 to 122.70): E
2000000 Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

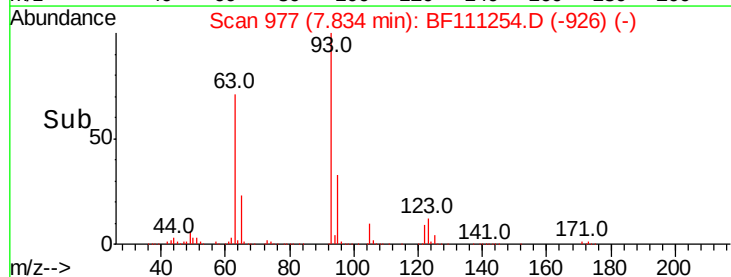
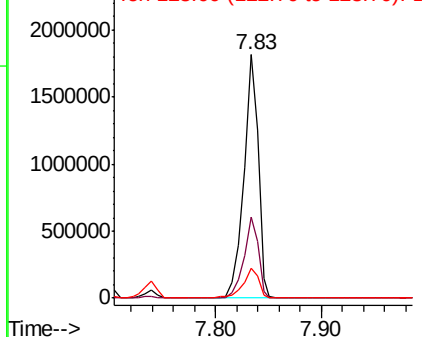


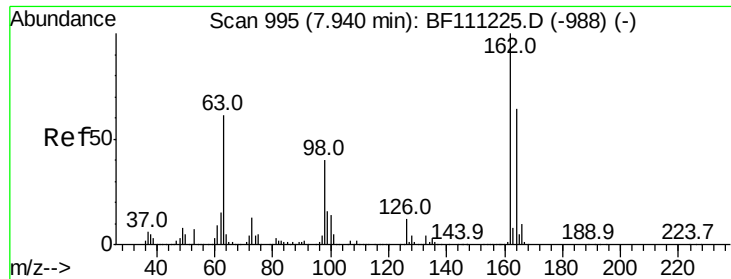
#28
bis(2-Chloroethoxy)methane
Concen: 38.937 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion: 93 Resp: 1675794
Ion Ratio Lower Upper
93 100
95 33.5 27.1 40.7
123 12.0 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
2500000 Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





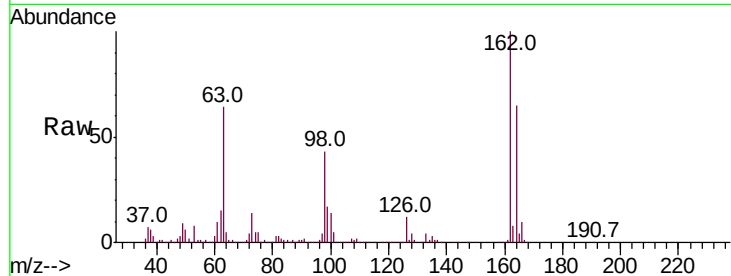
#29
2,4-Dichlorophenol
Concen: 37.050 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.4	84.4
98	42.6	20.3	60.3

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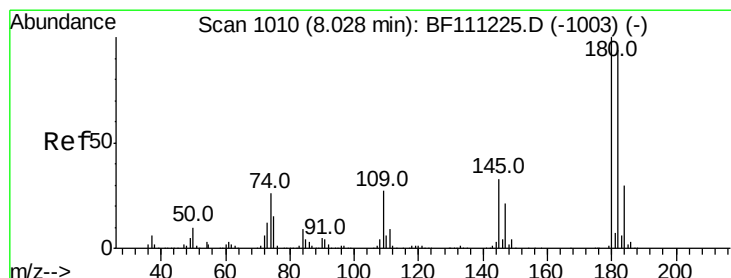
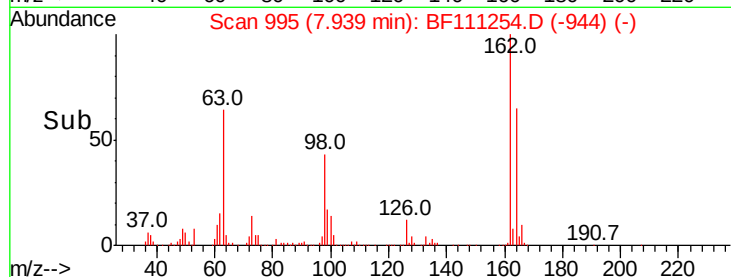
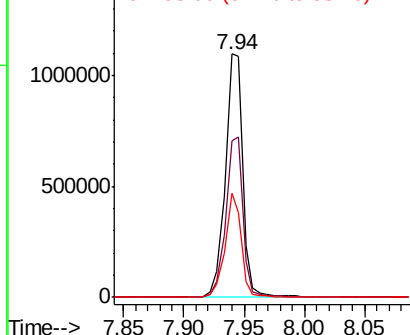


Abundance

Ion 162.00 (161.70 to 162.70): E

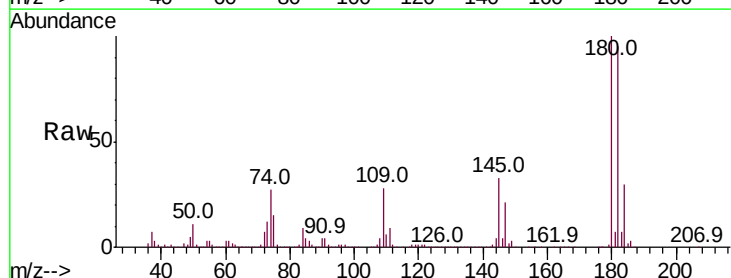
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.577 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.6	113.4
145	33.2	26.7	40.1

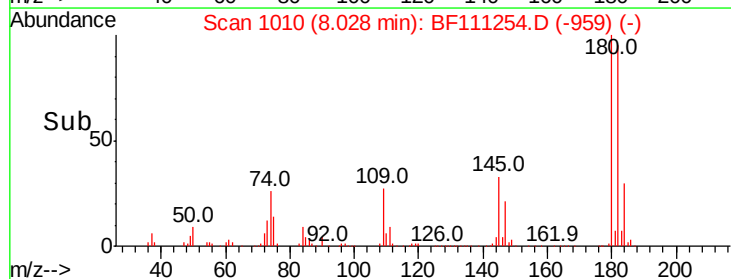
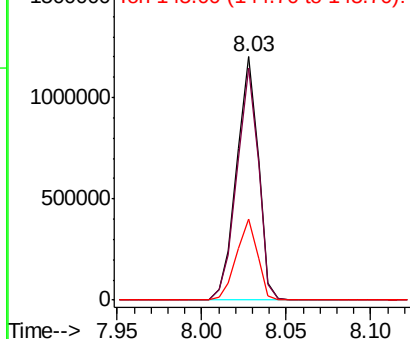


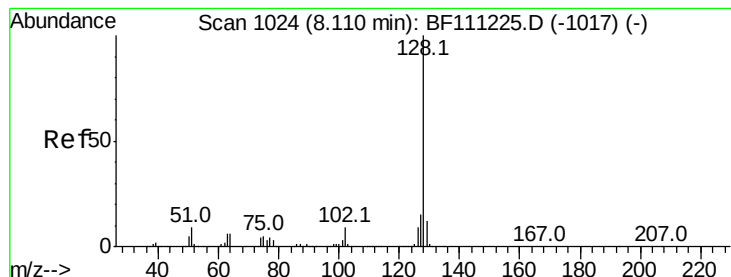
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.225 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MS

Tot Ion:128 Resp: 3593225

Ion Ratio Lower Upper

128 100

129 12.6 9.8 14.8

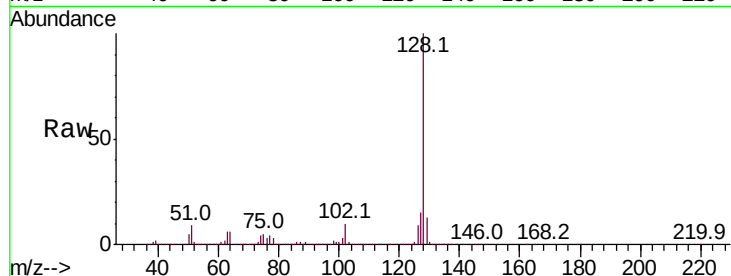
127 15.0 12.0 18.0

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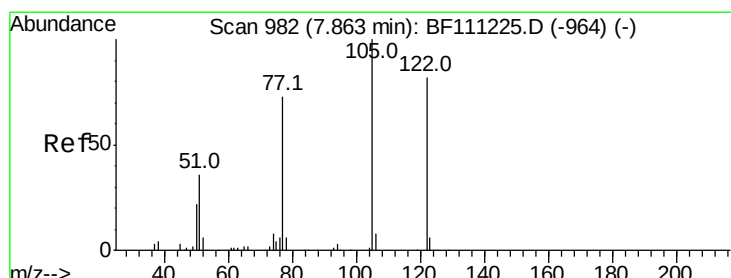
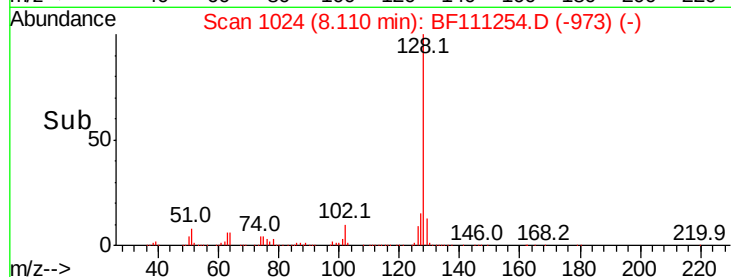
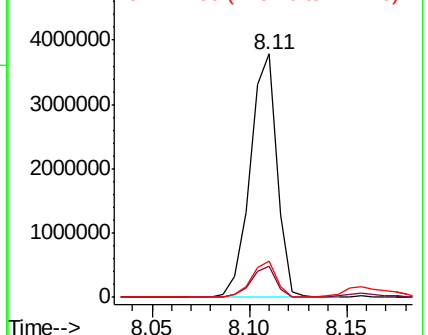


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.034 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

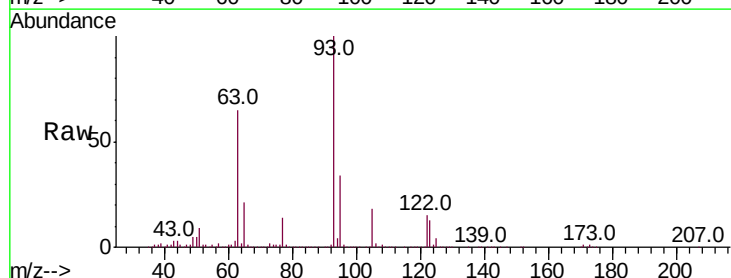
Tgt Ion:122 Resp: 507175

Ion Ratio Lower Upper

122 100

105 119.0 97.0 137.0

77 90.1 65.7 105.7

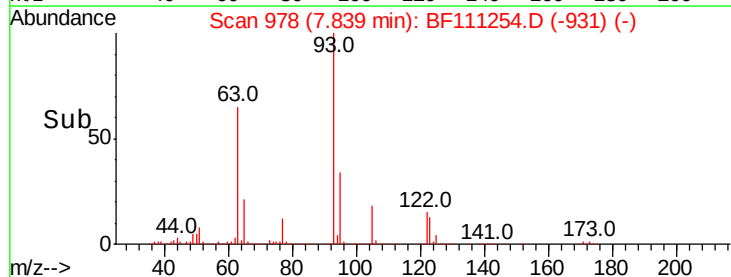
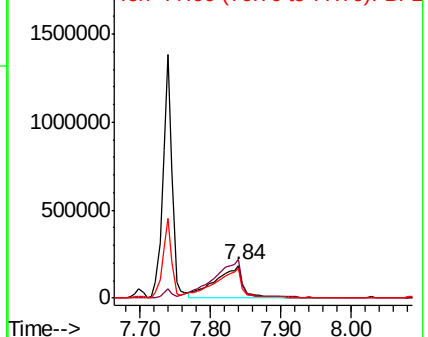


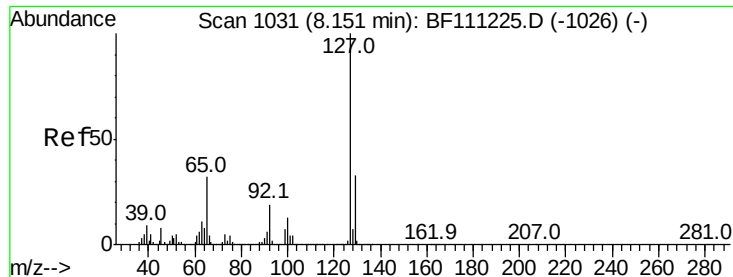
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





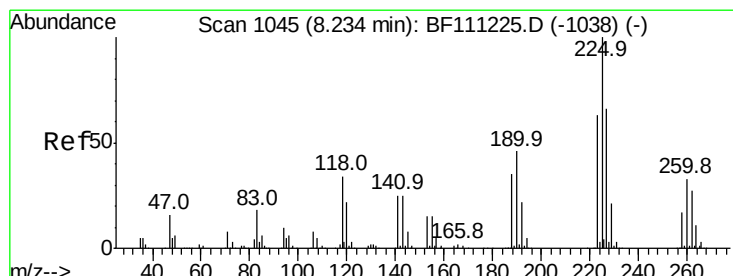
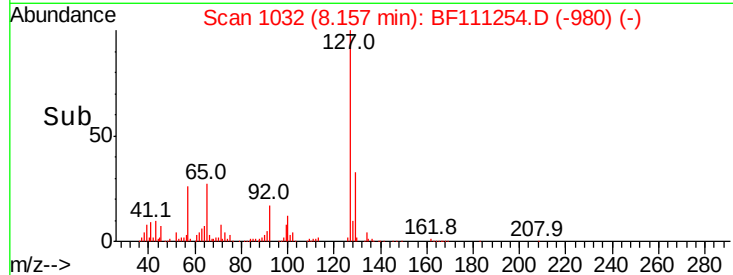
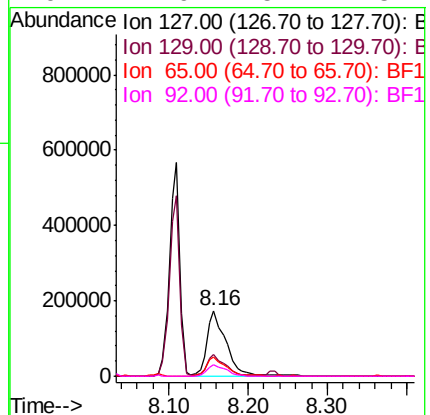
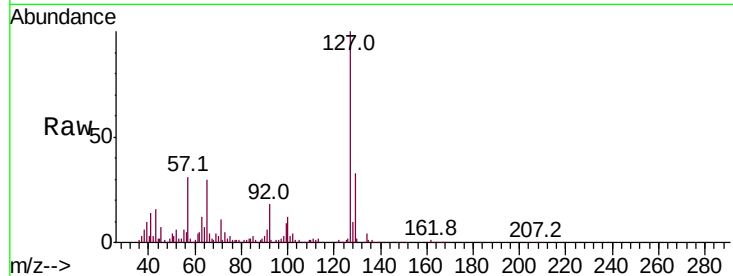
#33
4-Chloroaniline
Concen: 6.843 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		293593		
129	32.9	26.6	39.8		
65	29.6	25.7	38.5		
92	17.9	15.4	23.2		

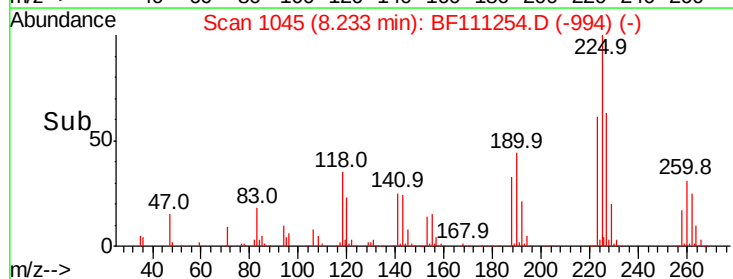
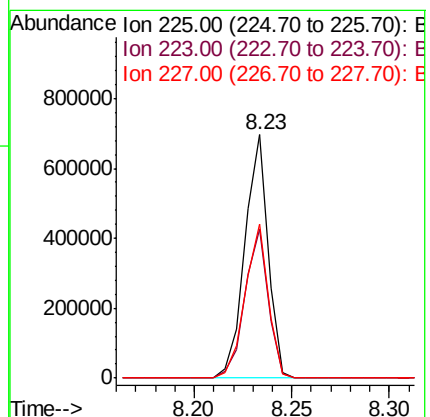
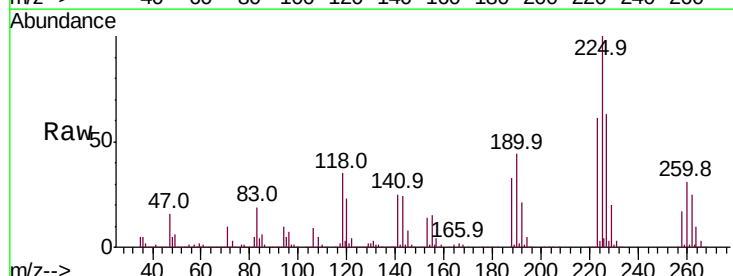
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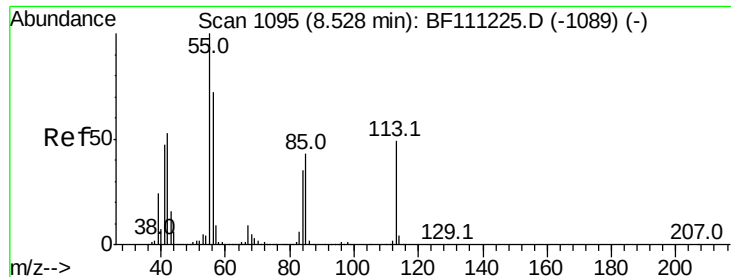
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#34
Hexachlorobutadiene
Concen: 35.357 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		573187		
223	60.9	50.7	76.1		
227	63.5	52.6	78.8		





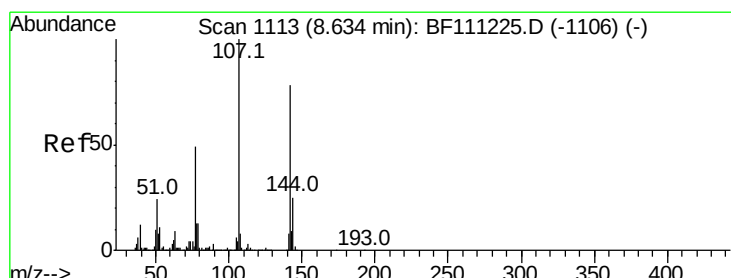
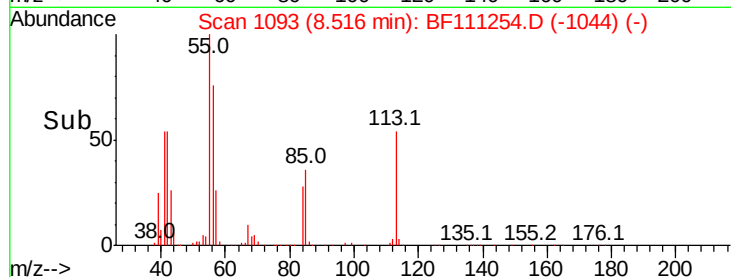
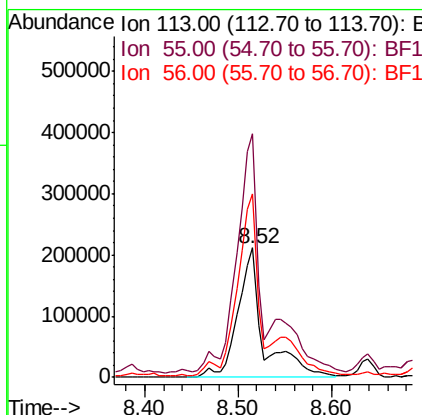
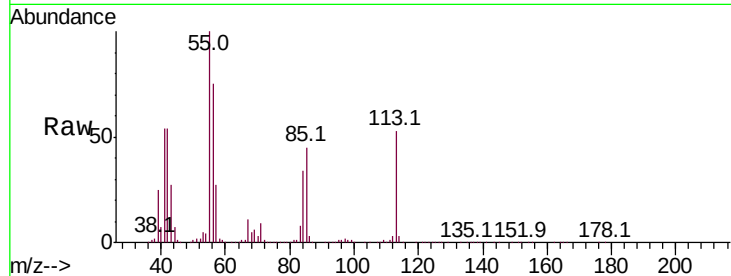
#35
 Caprolactam
 Concen: 38.399 ng/ml
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Instrument :
 BNA_F
 ClientSampleID :
 AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.3	184.1	224.1
56	141.8	126.0	166.0

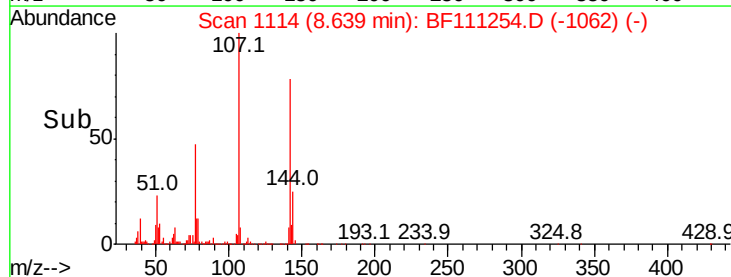
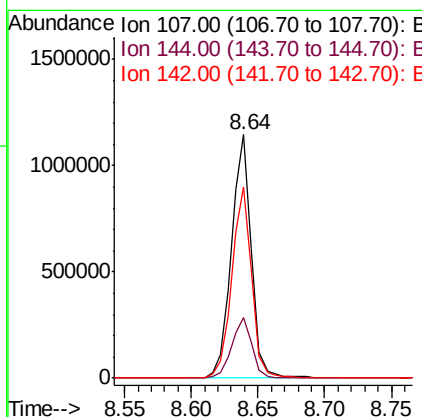
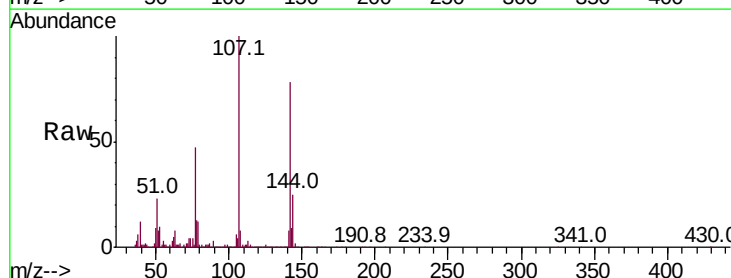
Manual Integrations
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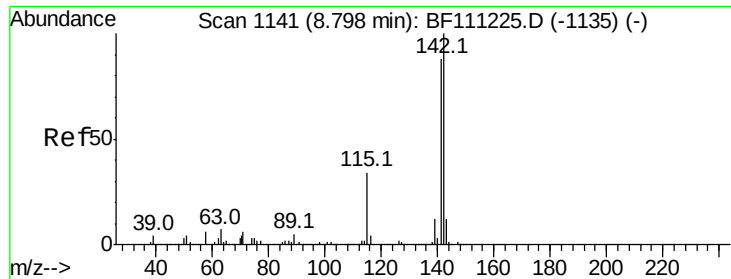
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#36
 4-Chloro-3-methylphenol
 Concen: 39.333 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.8	29.6
142	78.3	62.3	93.5





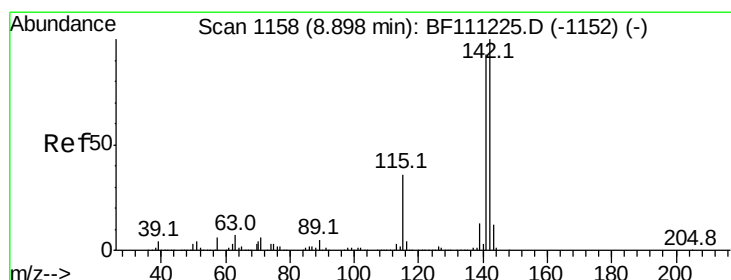
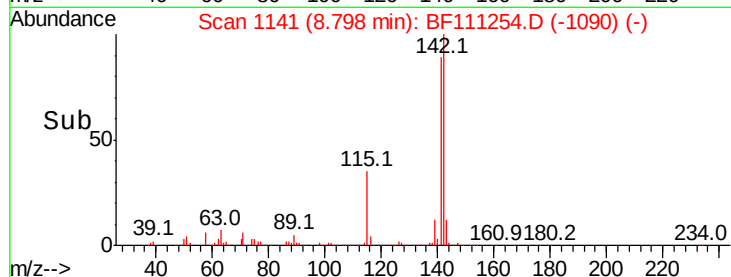
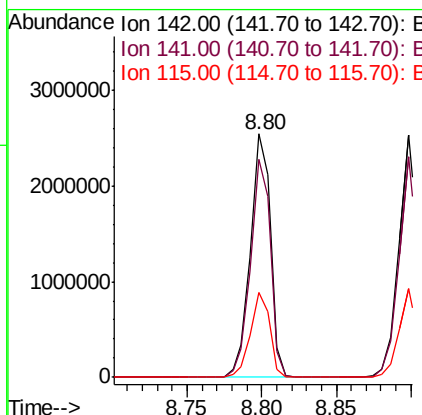
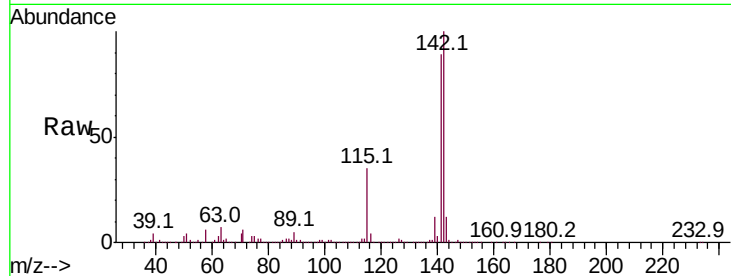
#37
2-Methylnaphthalene
Concen: 39.804 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion:142 Resp: 2360592
Ion Ratio Lower Upper
142 100
141 89.4 70.6 105.8
115 35.1 27.0 40.6

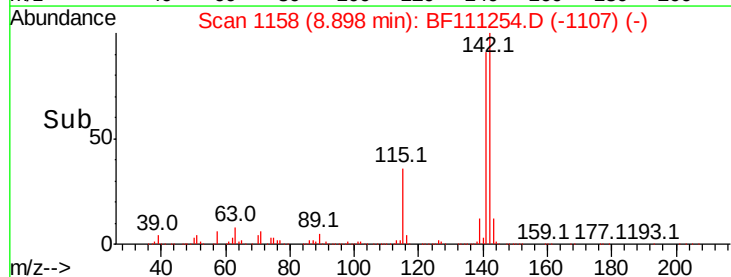
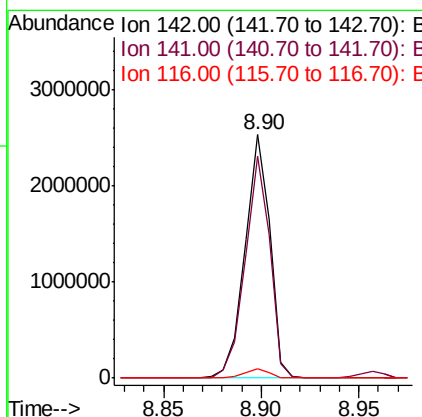
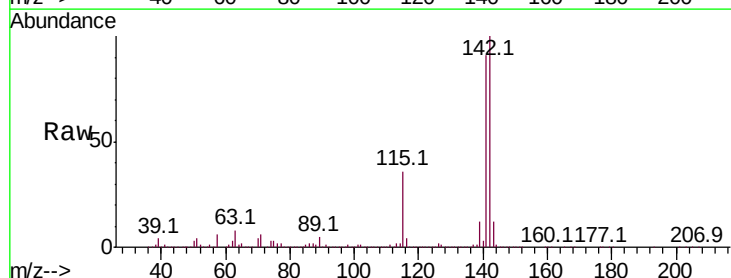
Manual Integrations
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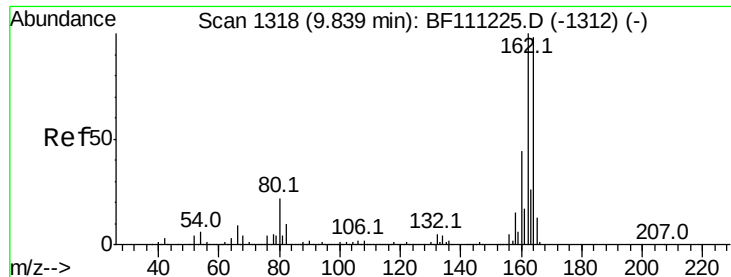
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#38
1-Methylnaphthalene
Concen: 38.465 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion:142 Resp: 2233996
Ion Ratio Lower Upper
142 100
141 91.0 74.2 111.4
116 3.9 2.9 4.3





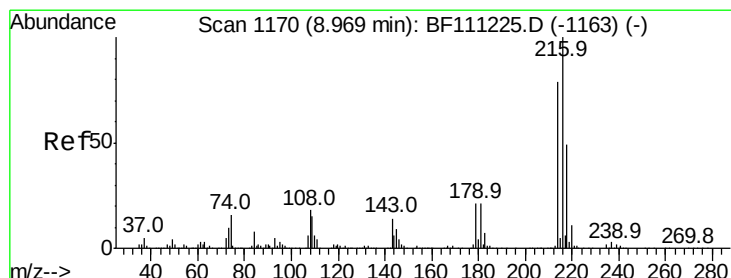
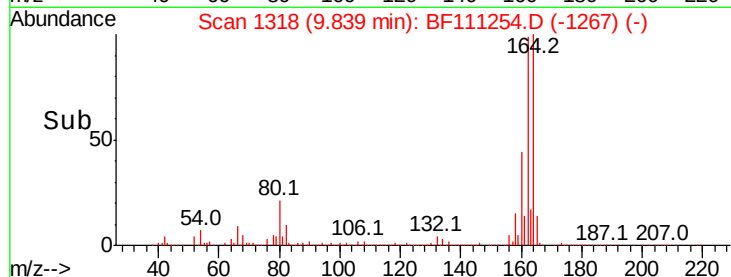
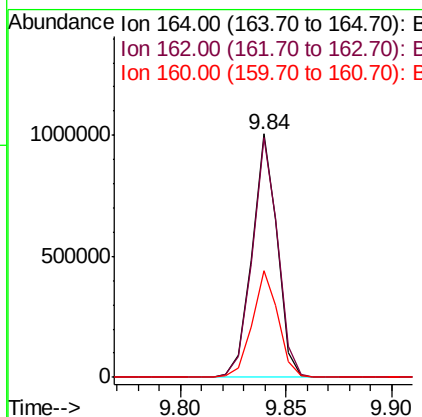
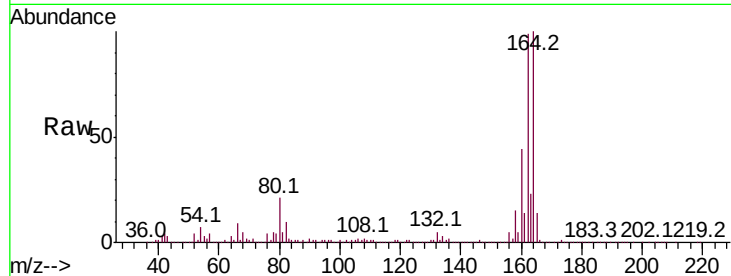
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.4	122.0
160	43.9	35.7	53.5

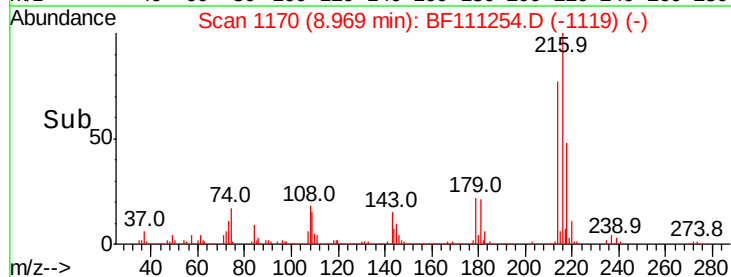
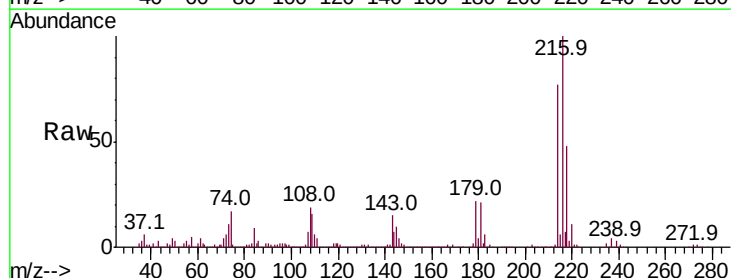
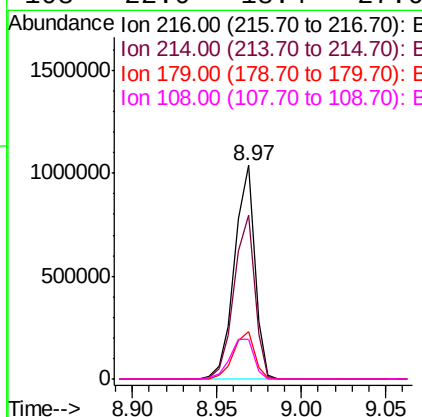
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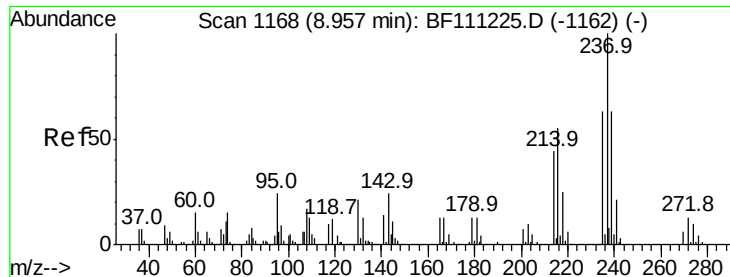
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.399 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.8
179	22.7	17.9	26.9
108	22.0	18.4	27.6





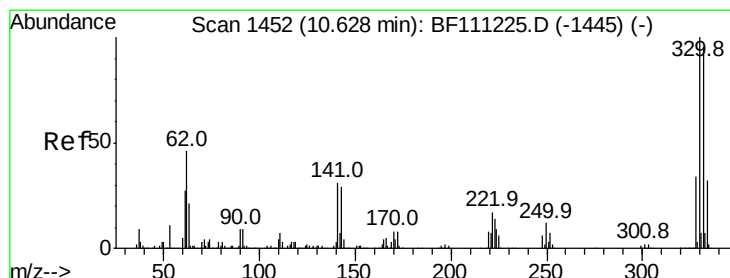
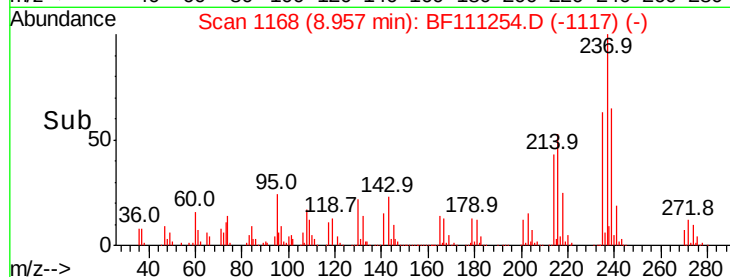
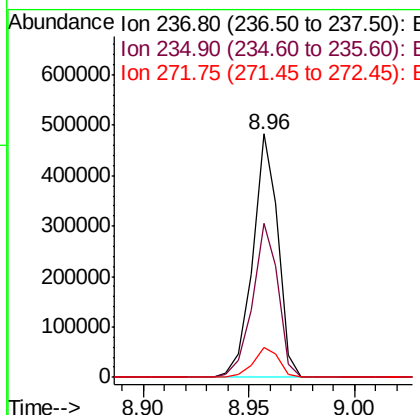
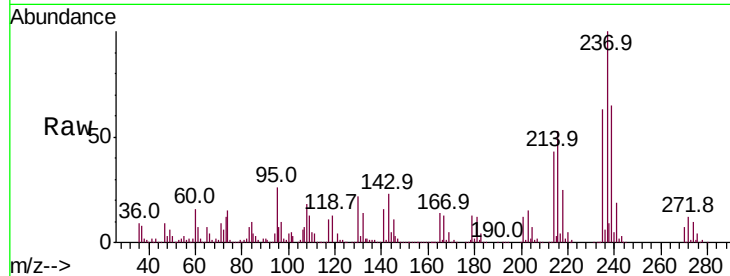
#41
Hexachlorocyclopentadiene
Concen: 30.327 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.4	43.1	83.1	
272	12.1	0.0	33.0	

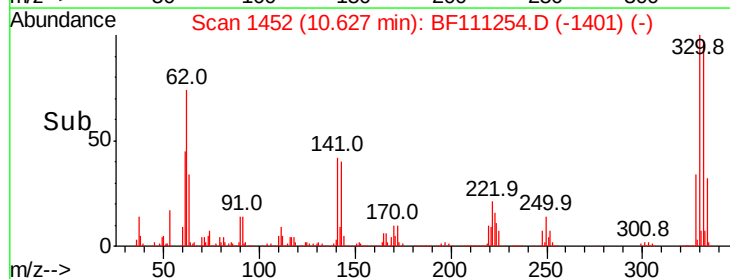
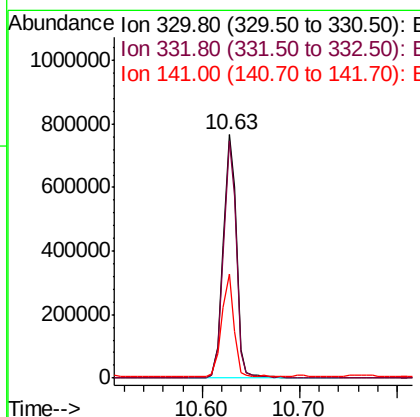
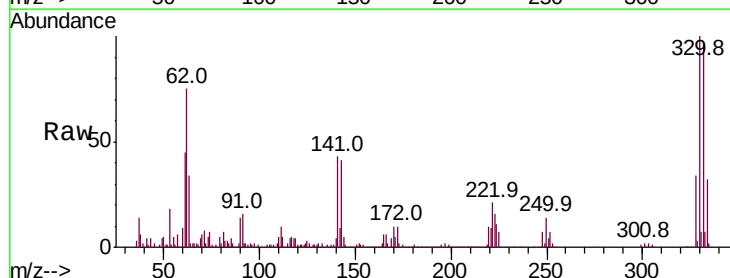
Manual Integrations
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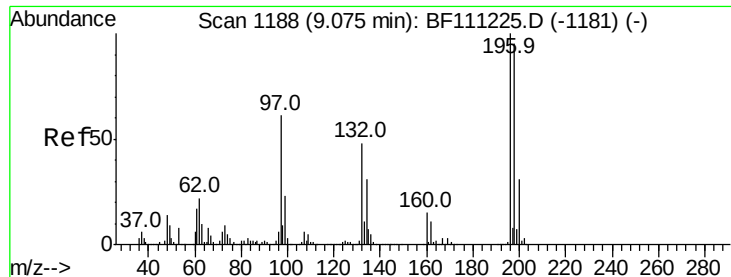
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#42
2,4,6-Tribromophenol
Concen: 98.084 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	76.0	114.0	
141	39.6	31.0	46.6	





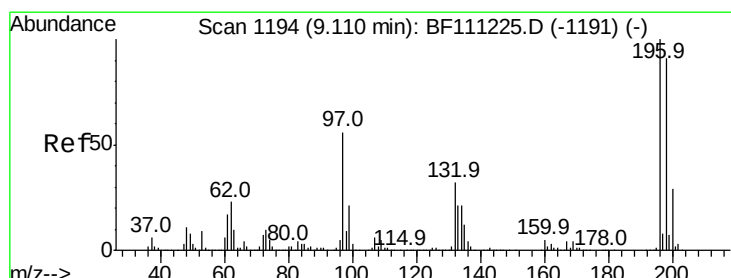
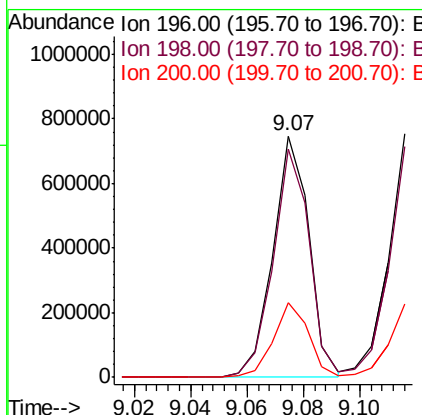
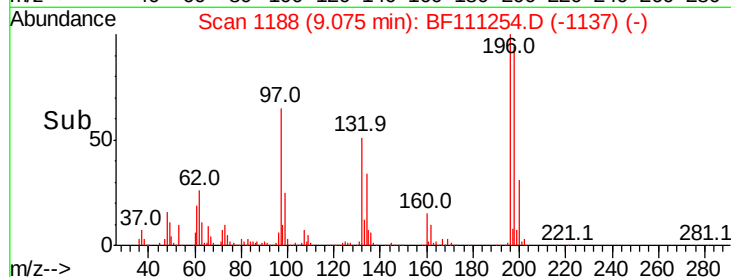
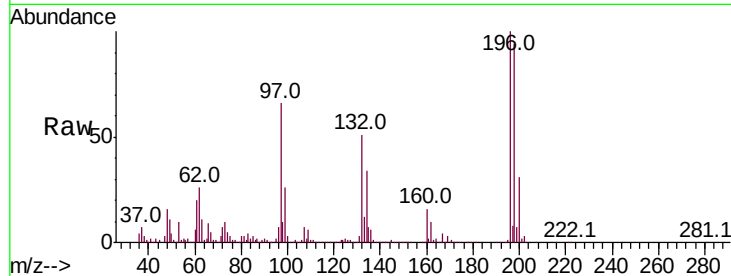
#43
 2,4,6-Trichlorophenol
 Concen: 38.208 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	664459		
198	94.5	76.3	114.5	
200	30.7	24.9	37.3	

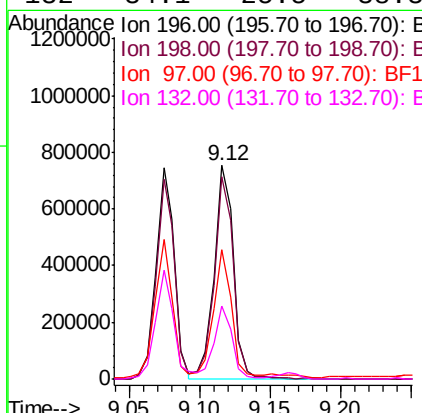
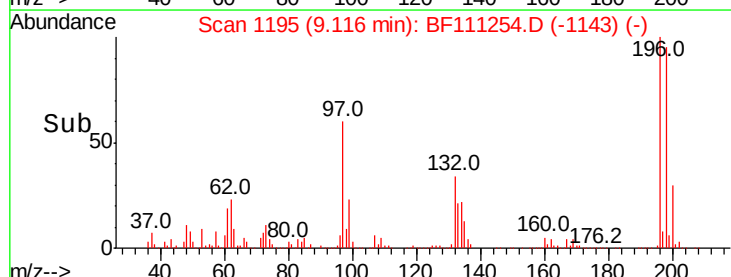
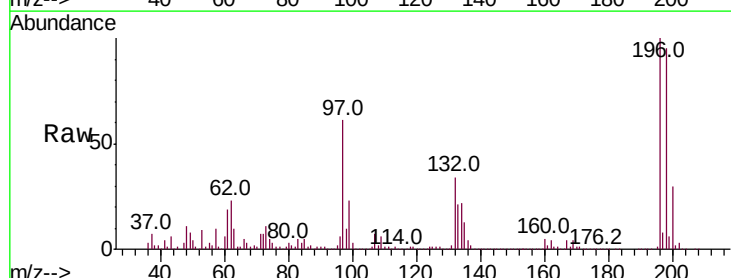
Manual Integrations
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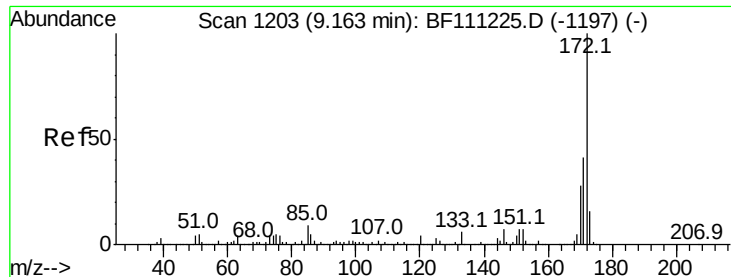
Sohil
 12/11/2018 2:23:36 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.301 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	711972		
198	94.7	72.9	109.3	
97	60.5	45.3	67.9	
132	34.1	25.5	38.3	





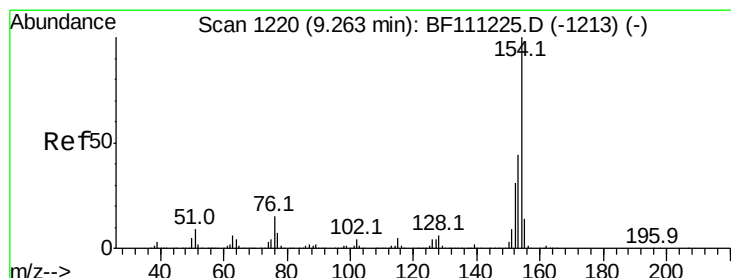
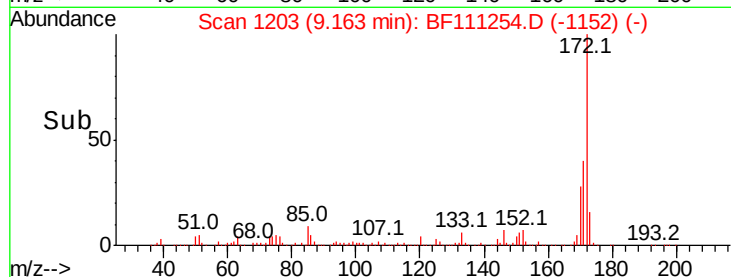
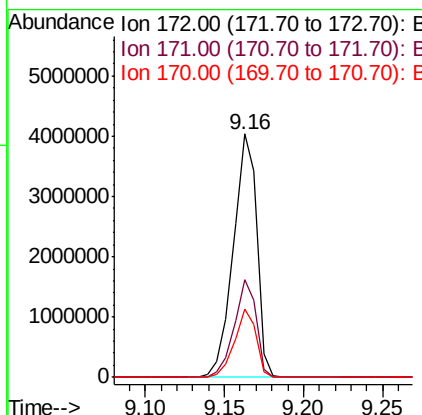
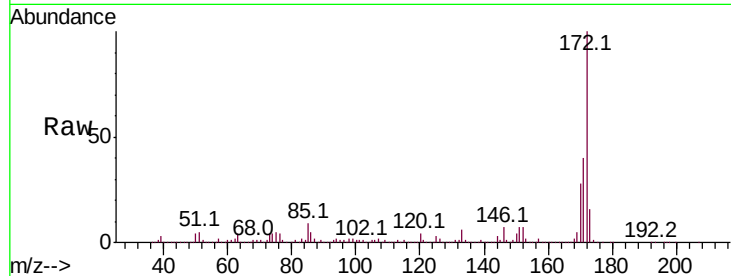
#45
2-Fluorobiphenyl
Concen: 87.143 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.4	33.0	49.4
170	27.9	22.3	33.5

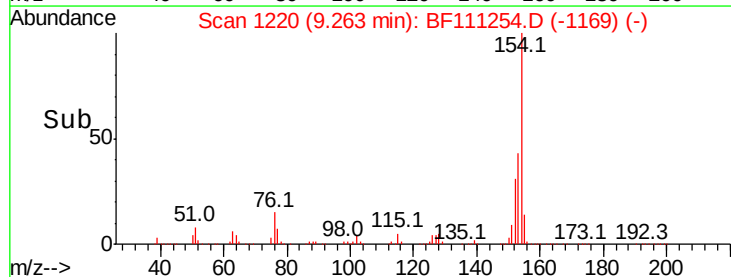
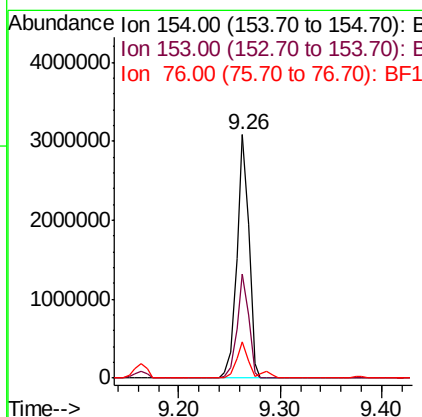
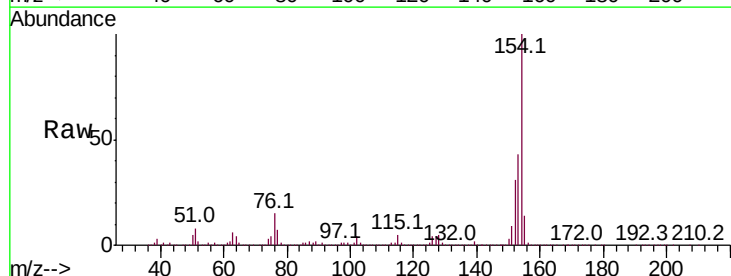
Manual Integrations
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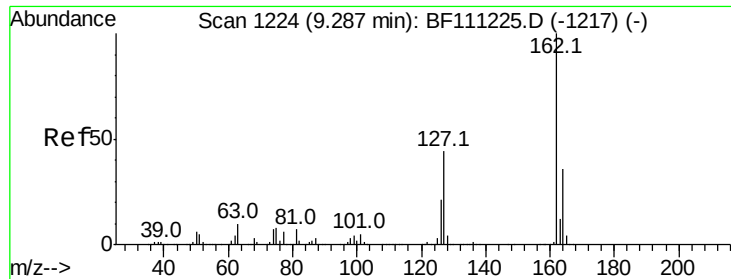
Sohil
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#46
1,1'-Biphenyl
Concen: 36.804 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.7	63.7
76	14.7	0.0	35.0





#47

2-Chloronaphthalene

Concen: 36.975 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MS

Tot Ion:162 Resp: 2014393

Ion Ratio Lower Upper

162 100

127 43.7 35.0 52.4

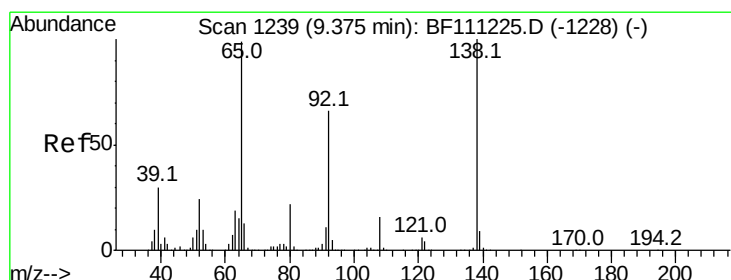
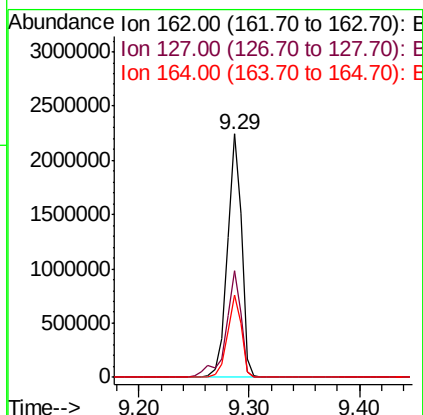
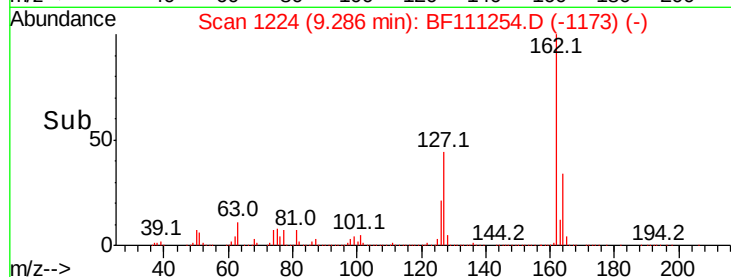
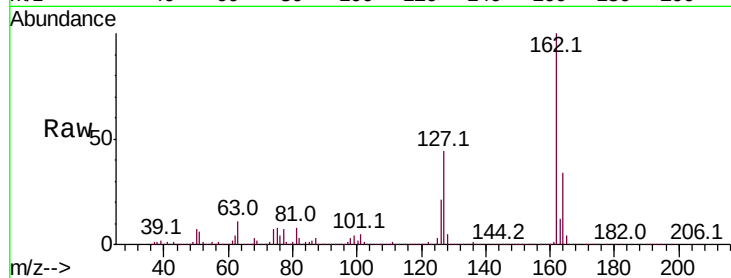
164 33.9 28.4 42.6

Manual Integrations

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#48

2-Nitroaniline

Concen: 39.353 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

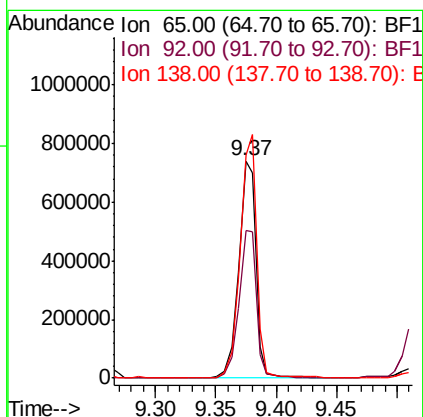
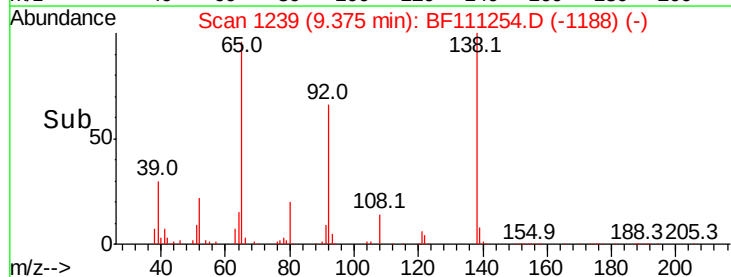
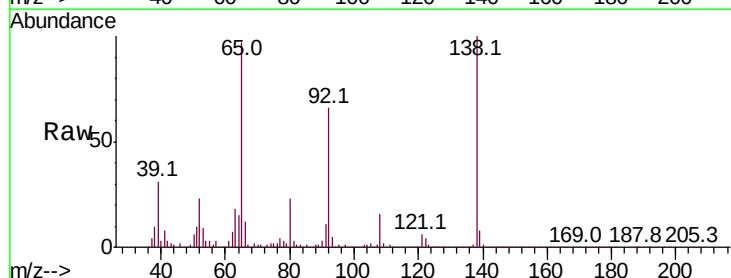
Tgt Ion: 65 Resp: 731345

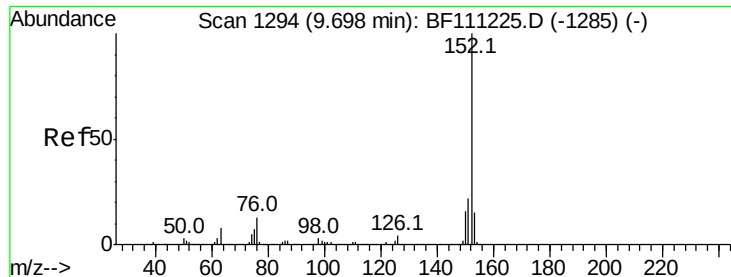
Ion Ratio Lower Upper

65 100

92 68.2 53.5 80.3

138 102.8 80.9 121.3





#49

Acenaphthylene

Concen: 37.536 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MS

Tot Ion:152 Resp: 2968692

Ion Ratio Lower Upper

152 100

151 21.7 18.0 27.0

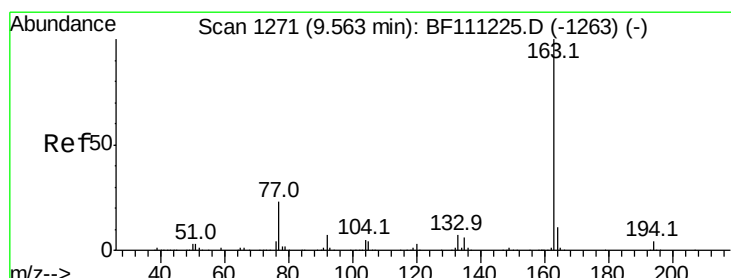
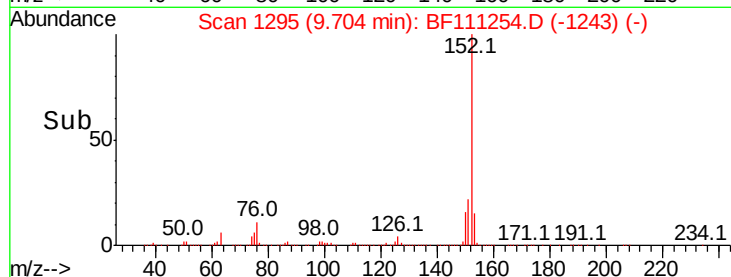
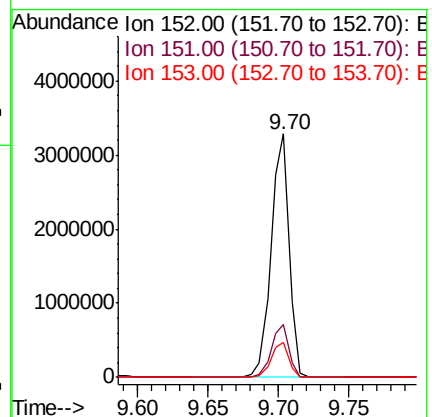
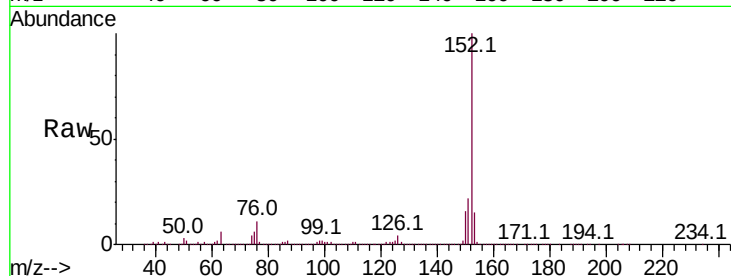
153 14.5 12.3 18.5

Manual Integrations

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#50

Dimethylphthalate

Concen: 42.563 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

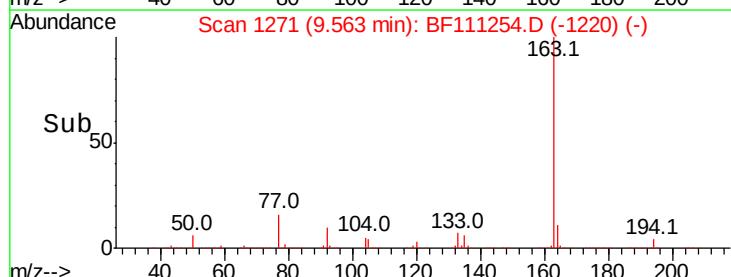
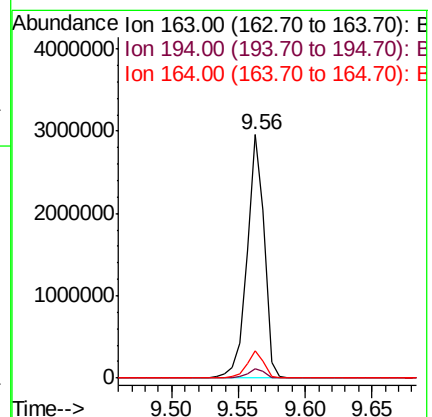
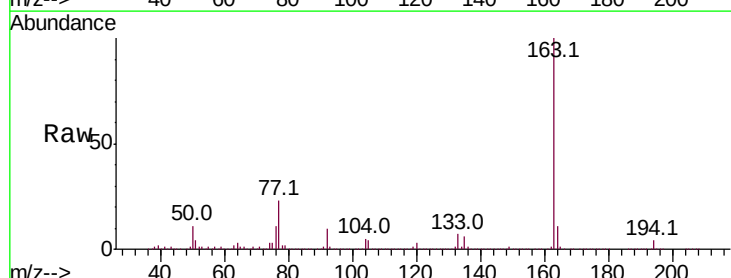
Tgt Ion:163 Resp: 2614850

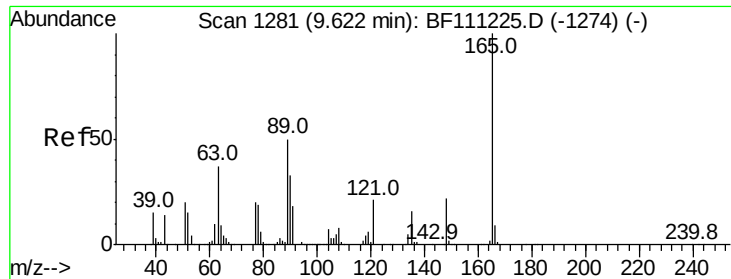
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 11.2 8.9 13.3





#51

2,6-Dinitrotoluene

Concen: 40.028 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

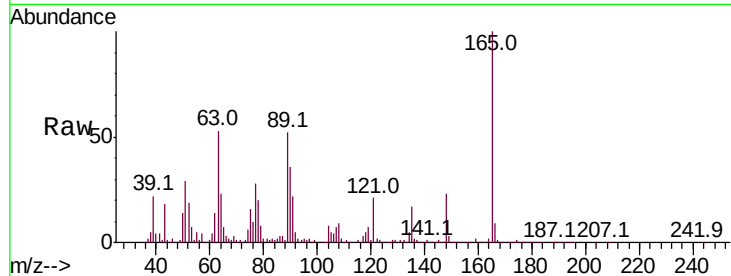
ClientSampleId :

AU-7-120618MS

Tot Ion:	165	Resp:	543069
Ion Ratio	Lower	Upper	
165	100		
63	53.2	40.5	60.7
89	52.3	40.0	60.0

Manual Integrations
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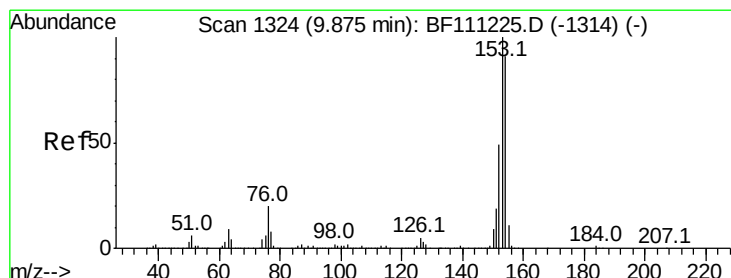
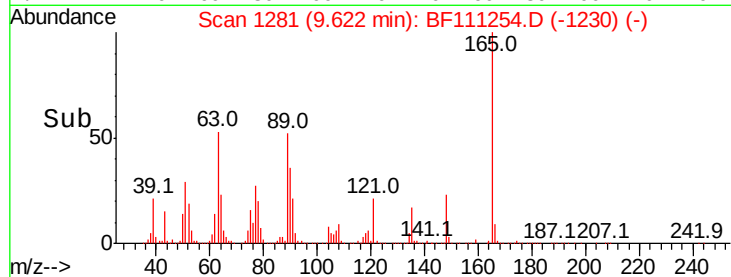
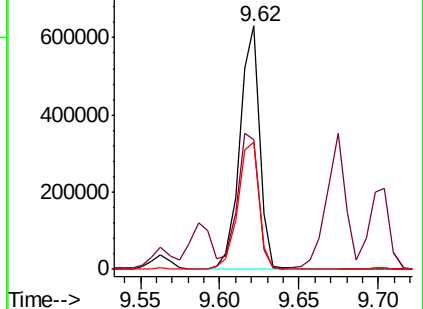
Sohil
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.555 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF111254.D

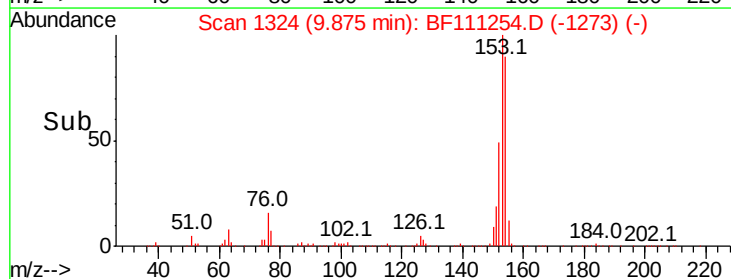
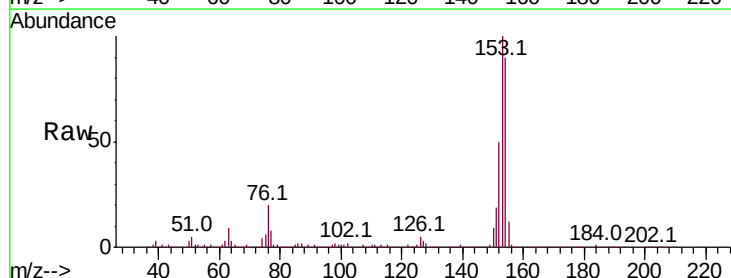
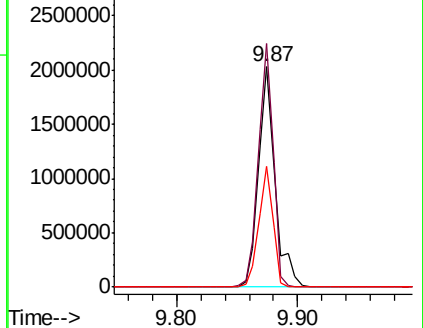
Acq: 10 Dec 2018 20:47

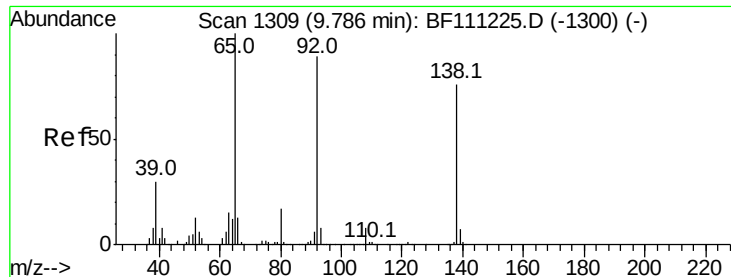
Tgt Ion:	154	Resp:	1963202
Ion Ratio	Lower	Upper	
154	100		
153	110.6	87.8	131.8
152	54.8	43.4	65.2

Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





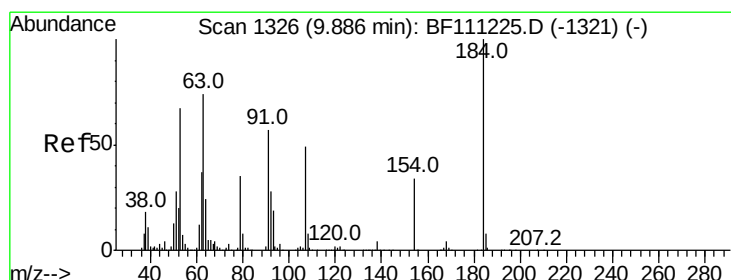
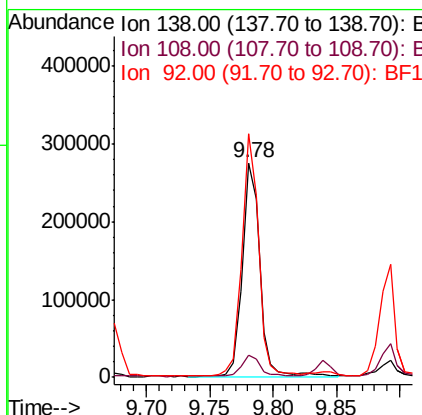
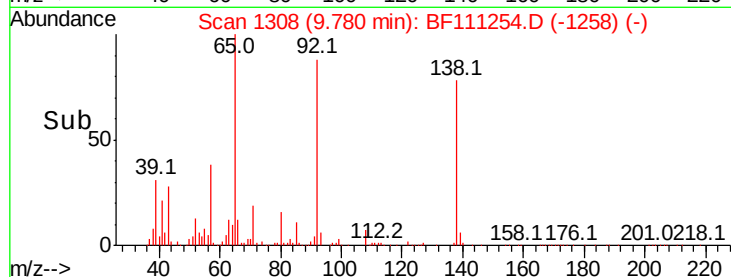
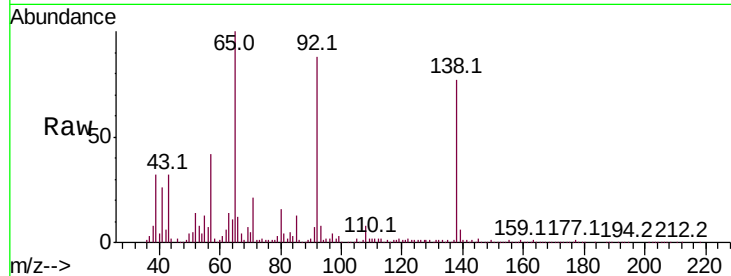
#53
3-Nitroaniline
Concen: 15.586 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.4
92	113.5	93.4	140.2

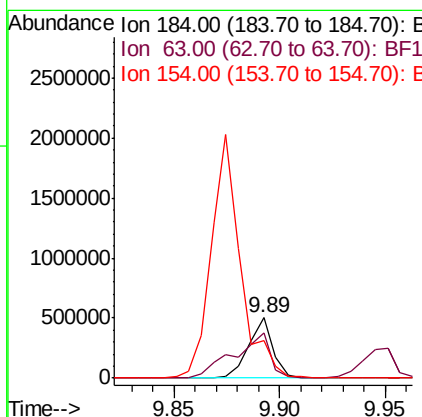
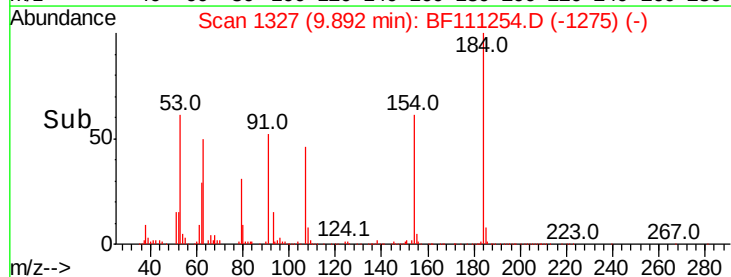
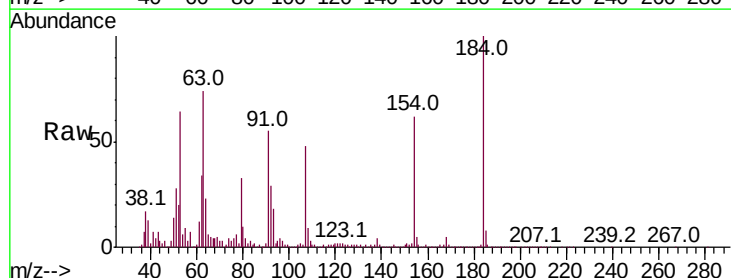
Manual Integrations
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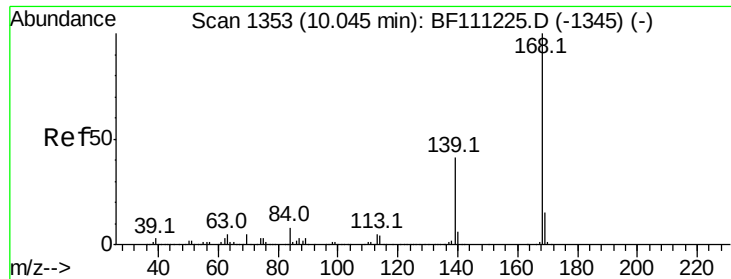
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#54
2,4-Dinitrophenol
Concen: 75.301 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.1	62.3	93.5
154	61.8	56.2	84.2





#55

Dibenzofuran

Concen: 38.050 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MS

Tot Ion:168 Resp: 2569220

Ion Ratio Lower Upper

168 100

139 40.3 32.6 49.0

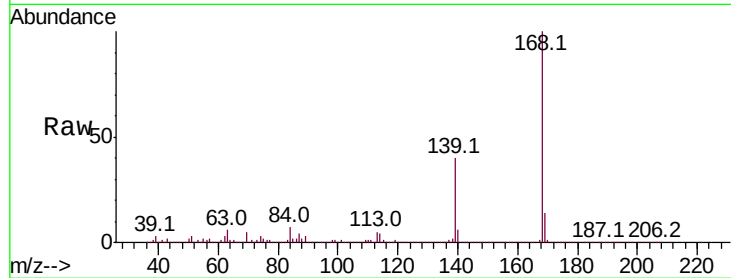
169 14.4 11.8 17.6

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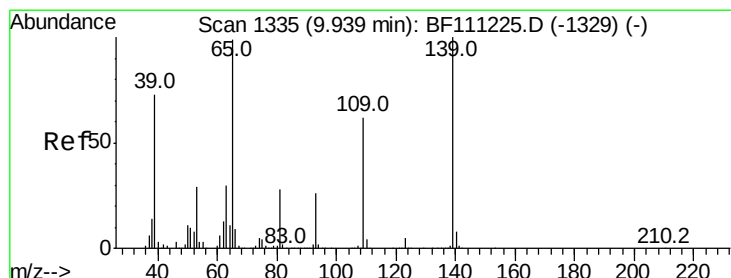
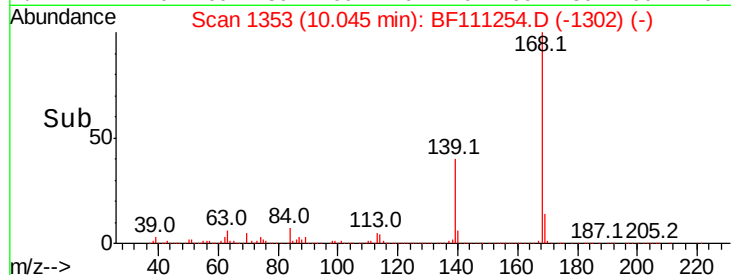
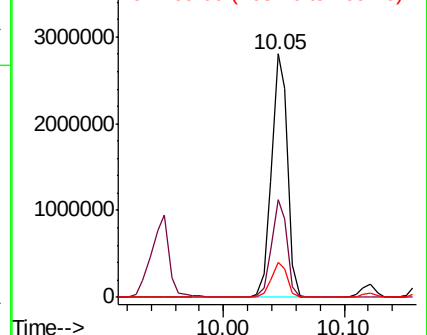


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.458 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

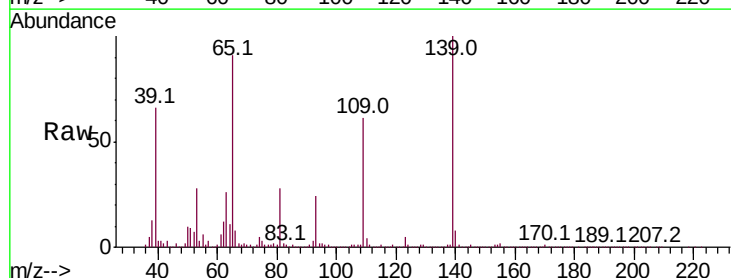
Tgt Ion:139 Resp: 984155

Ion Ratio Lower Upper

139 100

109 61.2 41.8 81.8

65 91.4 79.6 119.6

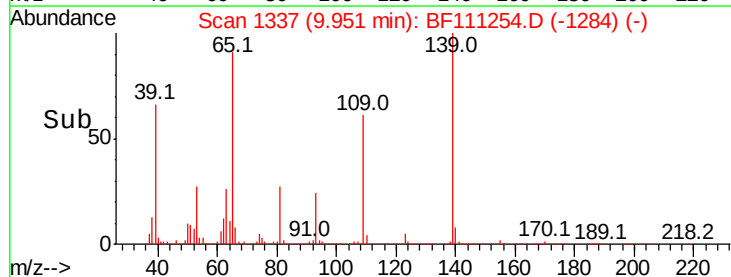
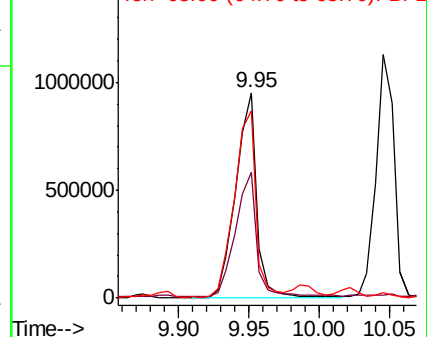


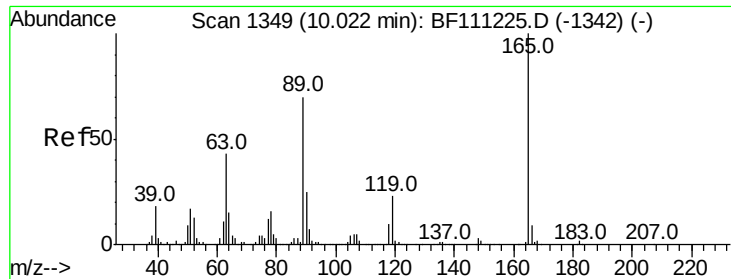
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





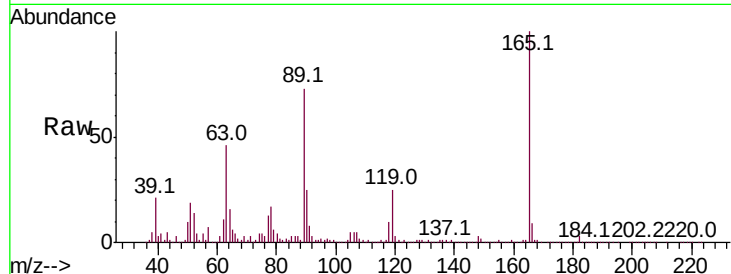
#57
2,4-Dinitrotoluene
Concen: 41.707 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	697565		
63	46.4		34.6	52.0
89	72.7		56.2	84.4
182	2.5		1.8	2.6

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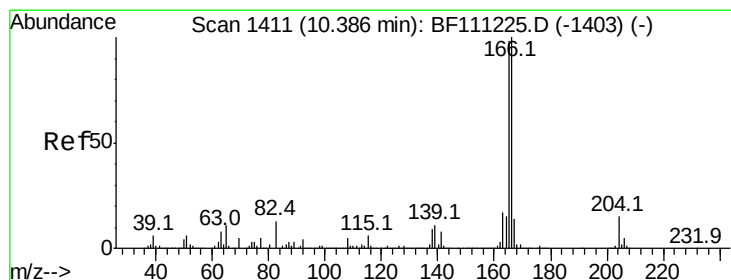
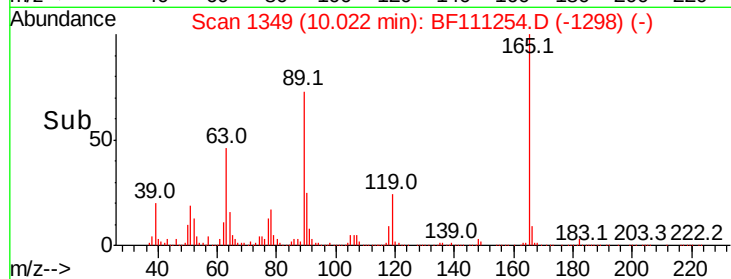
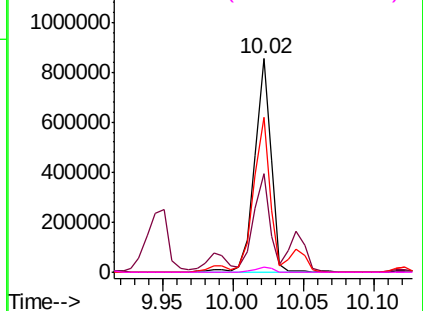
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

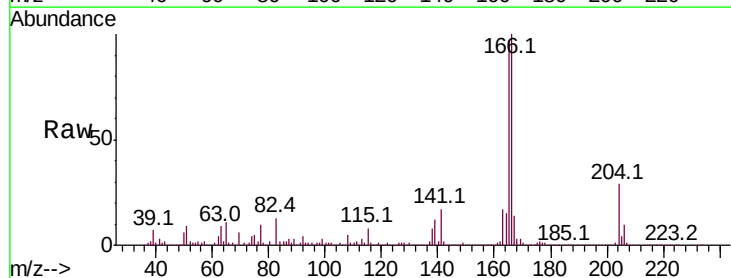
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 34.919 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1824572		
165	97.3		78.4	117.6
167	14.0		11.2	16.8

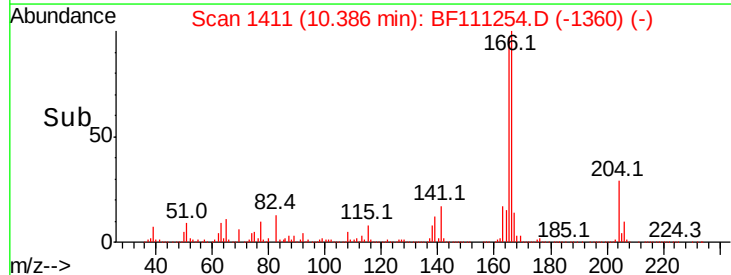
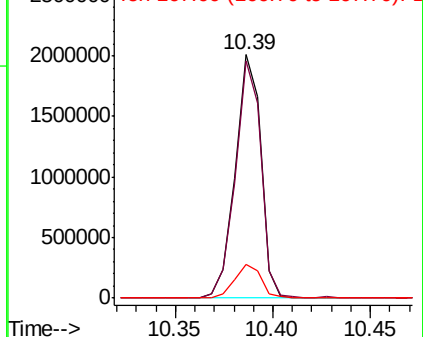


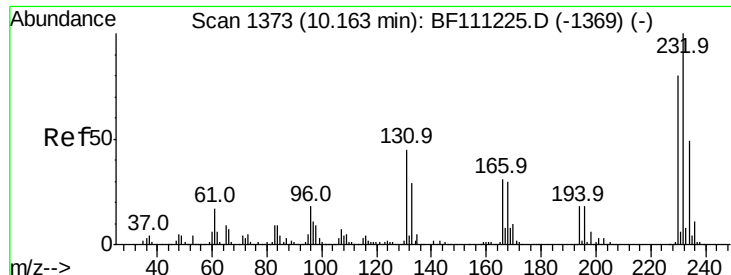
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





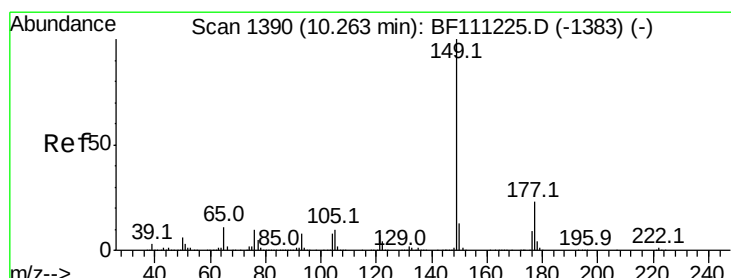
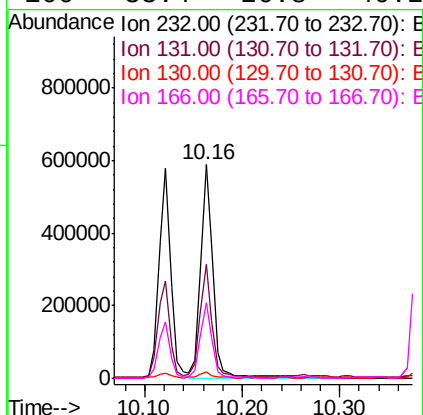
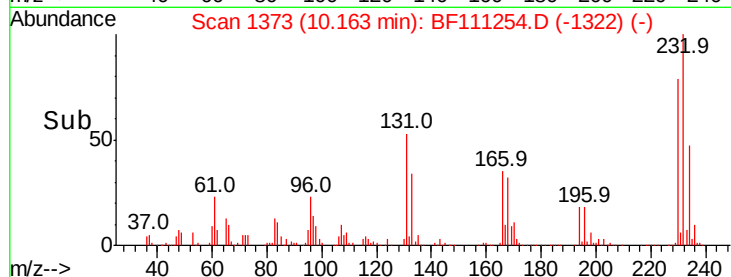
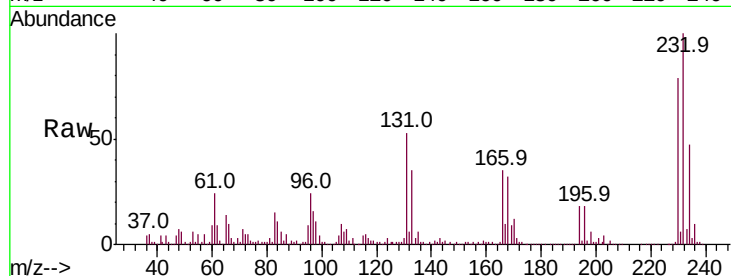
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.950 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.6	40.9	61.3
130	2.8	2.0	3.0
166	33.4	26.8	40.2

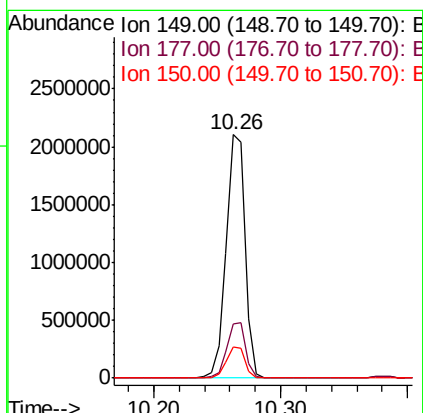
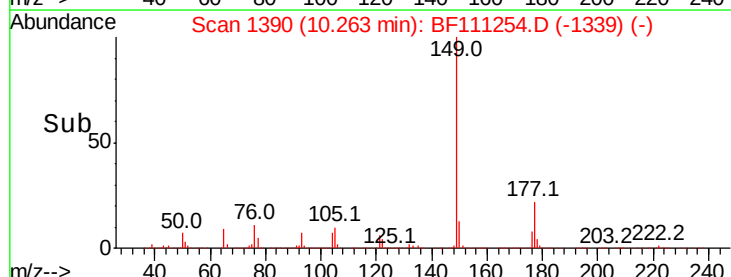
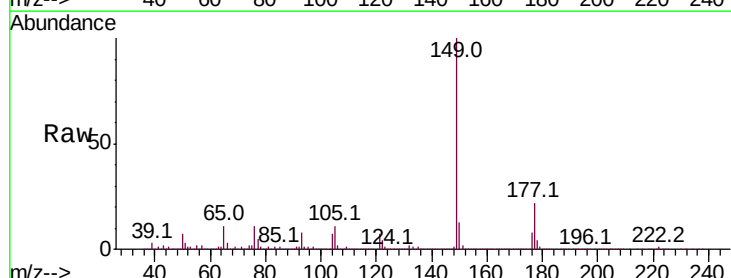
Manual Integrations
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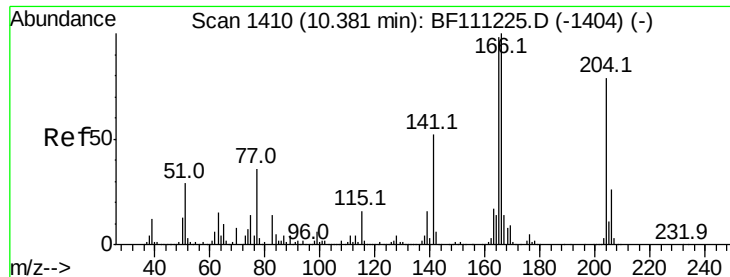
Sohil
 12/11/2018 2:23:36 PM



#60
 Diethylphthalate
 Concen: 36.893 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.3	27.5
150	13.0	10.6	15.8





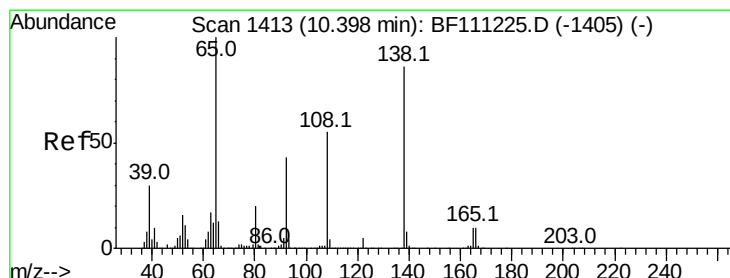
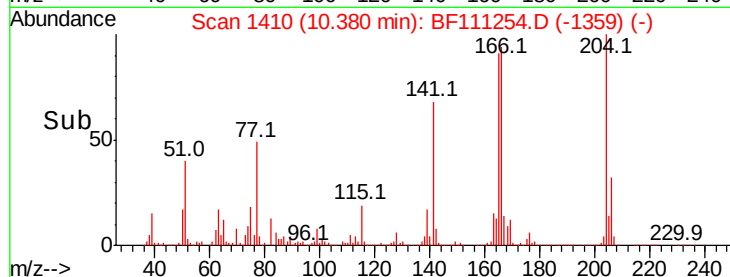
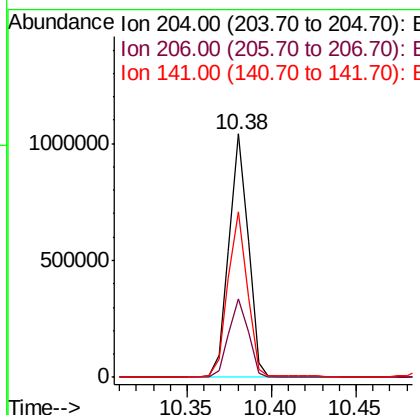
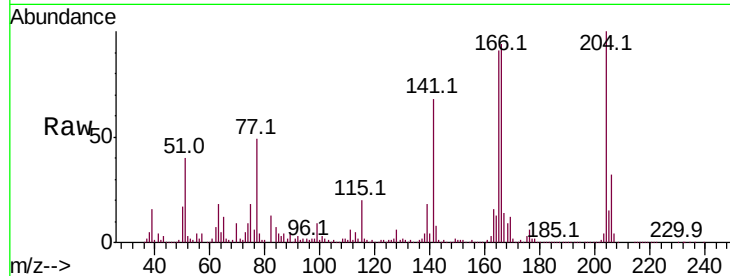
#61
 4-Chlorophenyl-phenylether
 Concen: 31.743 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	67.9	52.6	78.8

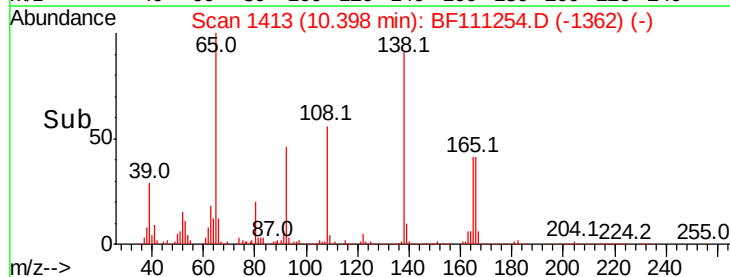
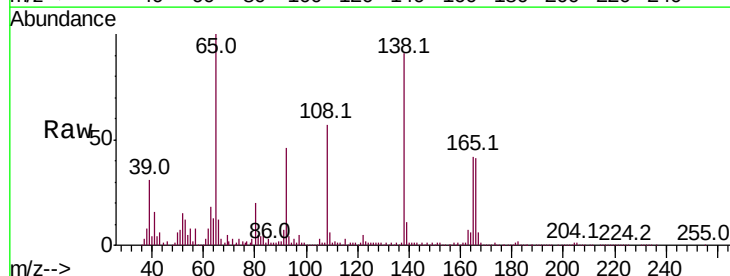
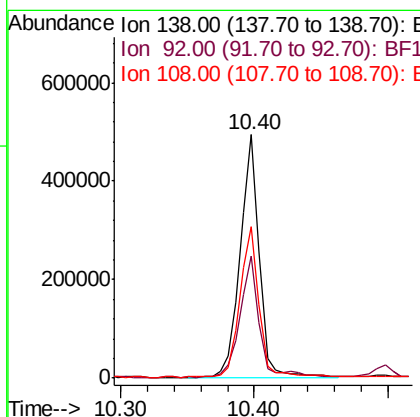
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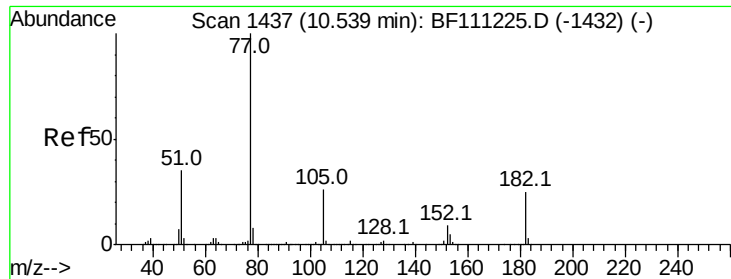
Sohil
 12/11/2018 2:23:36 PM



#62
 4-Nitroaniline
 Concen: 31.023 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	29.9	69.9
108	62.4	43.2	83.2





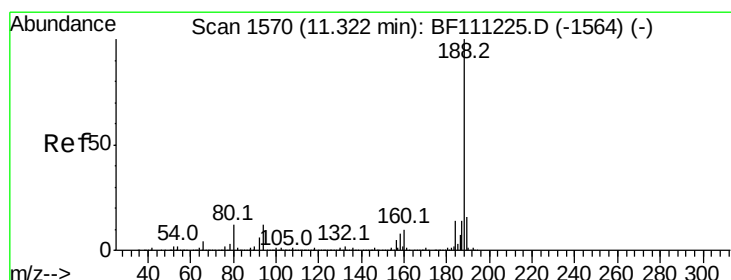
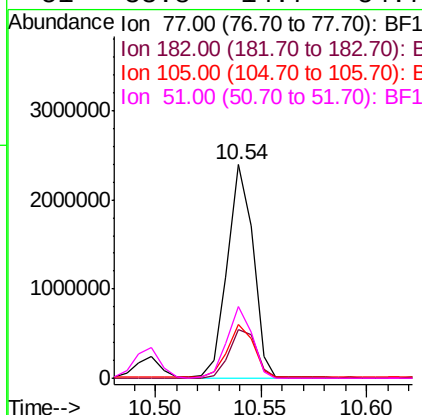
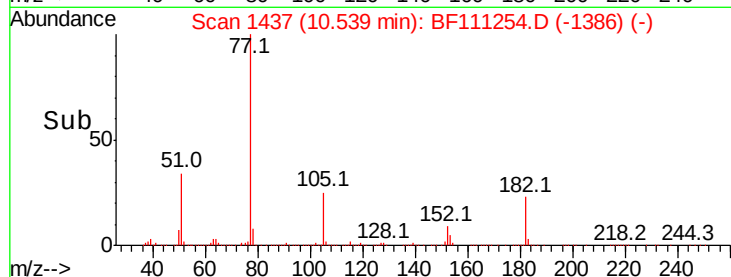
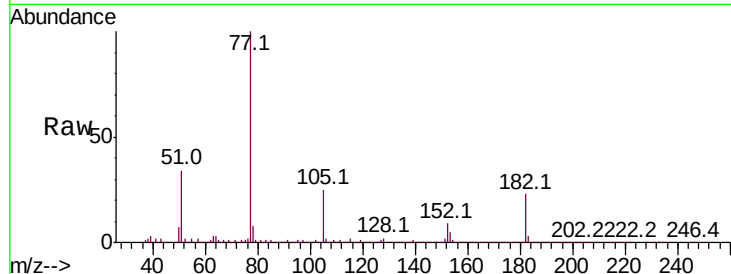
#63
Azobenzene
Concen: 33.037 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.9	4.9	44.9	
105	25.2	6.0	46.0	
51	33.8	14.7	54.7	

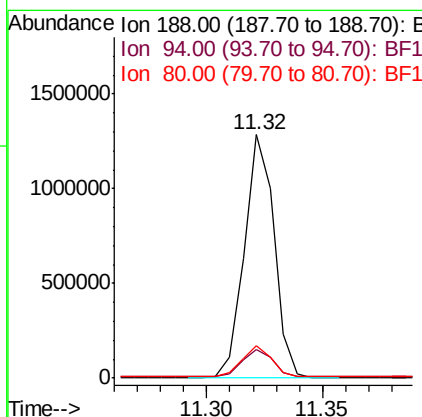
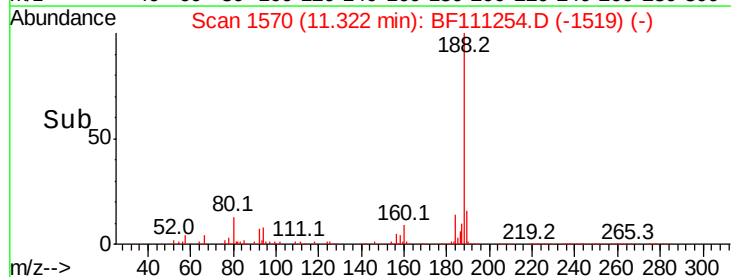
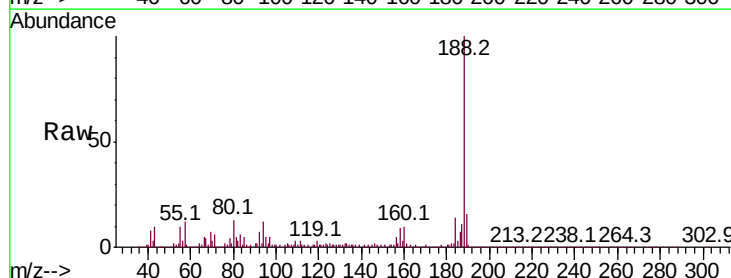
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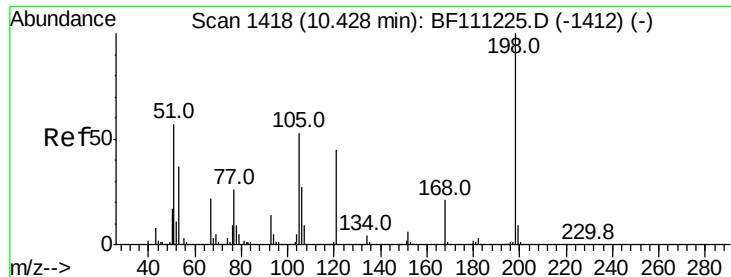
Sohil
12/11/2018 2:23:36 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	12.0	9.6	14.4	
80	13.3	9.8	14.6	





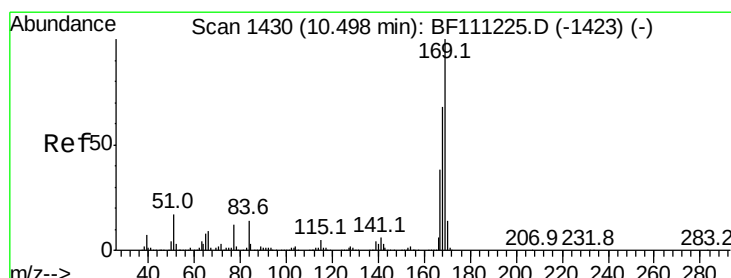
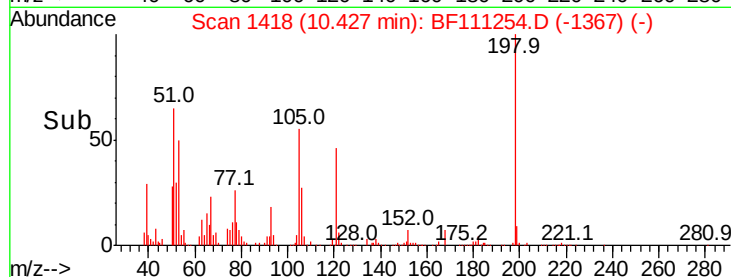
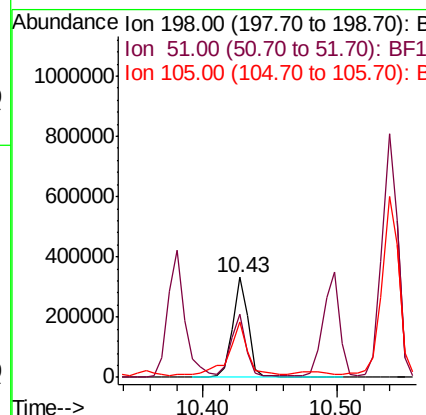
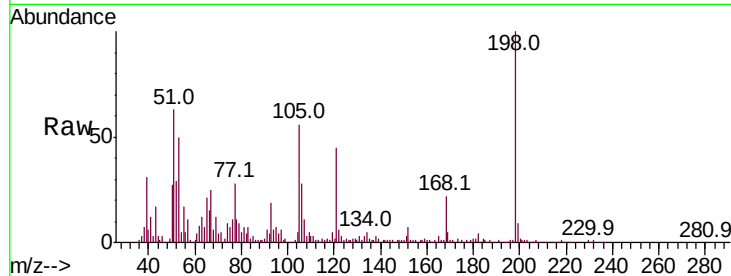
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.939 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	273704		
51	63.4	48.0	88.0	
105	56.2	34.0	74.0	

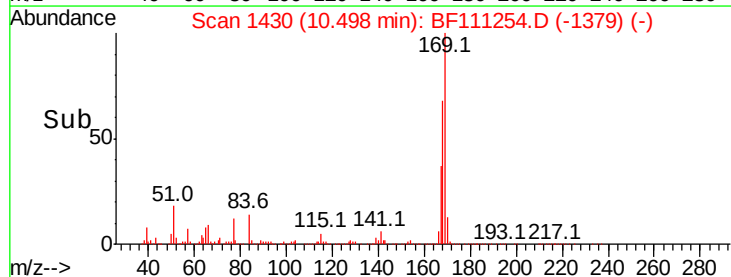
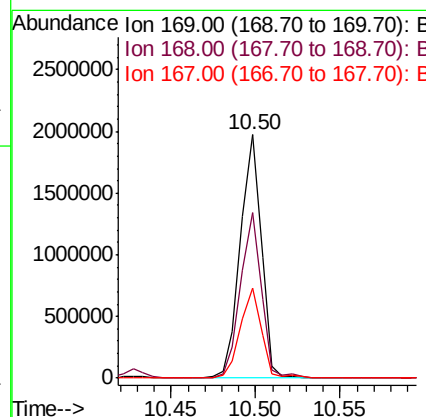
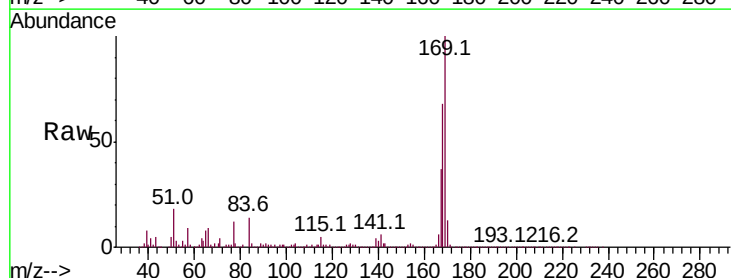
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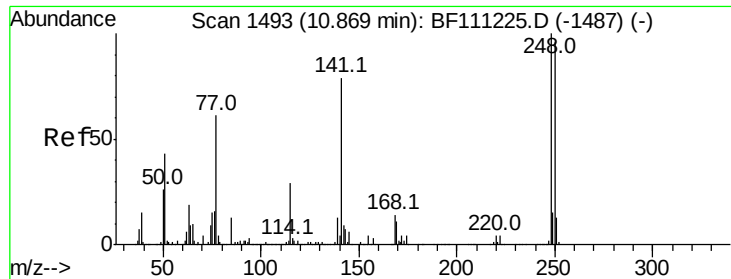
Sohil
 12/11/2018 2:23:36 PM



#66
 n-Nitrosodiphenylamine
 Concen: 43.127 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1706680		
168	67.7	54.4	81.6	
167	37.1	30.5	45.7	





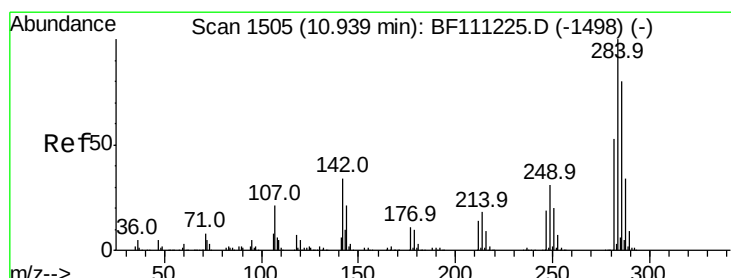
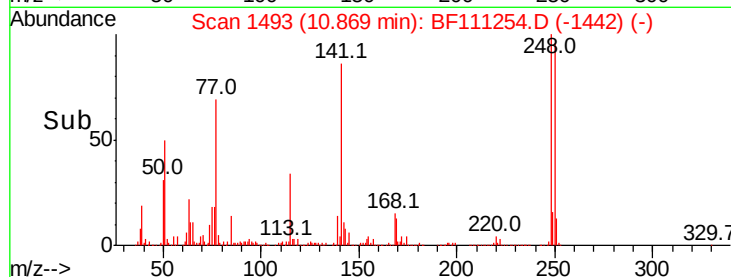
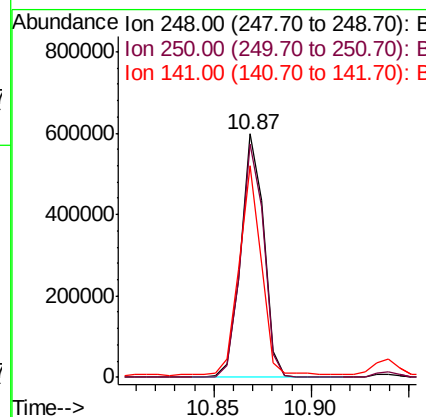
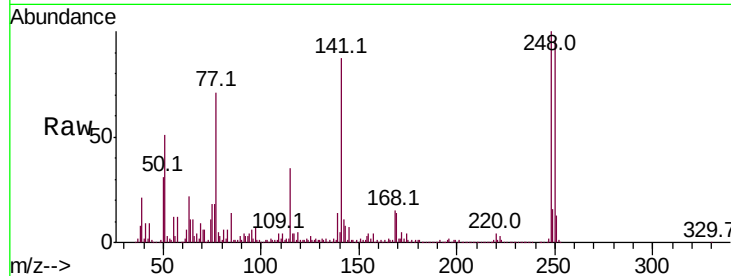
#67
4-Bromophenyl-phenylether
Concen: 38.424 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.0	115.4
141	86.7	63.0	94.6

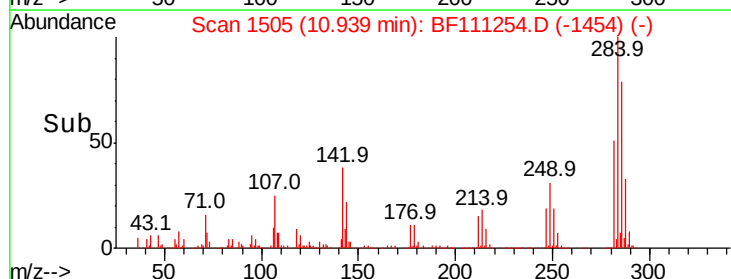
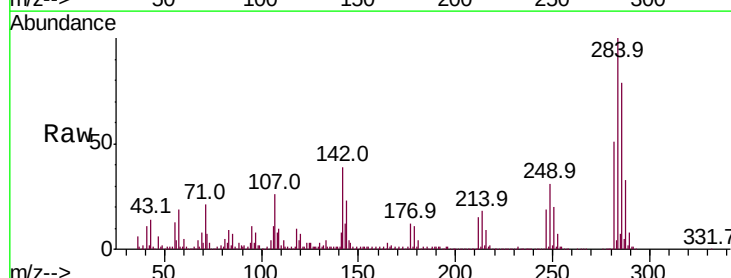
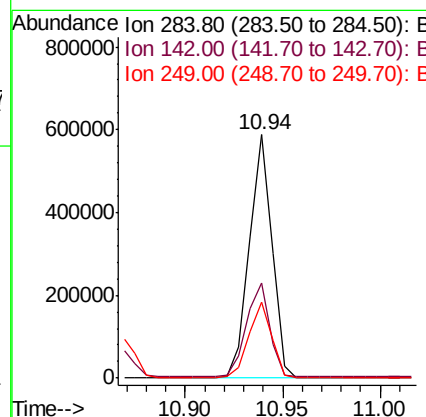
Manual Integrations
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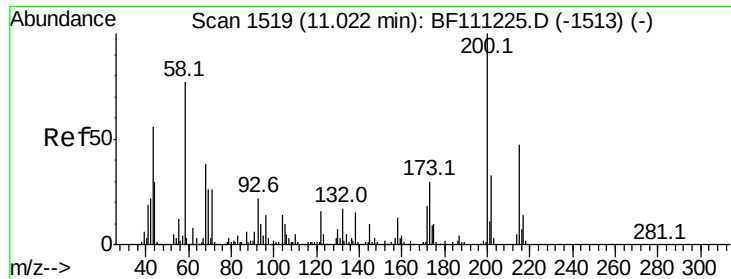
Sohil
12/11/2018 2:23:36 PM



#68
Hexachlorobenzene
Concen: 36.671 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.9	27.4	41.2
249	31.2	24.4	36.6





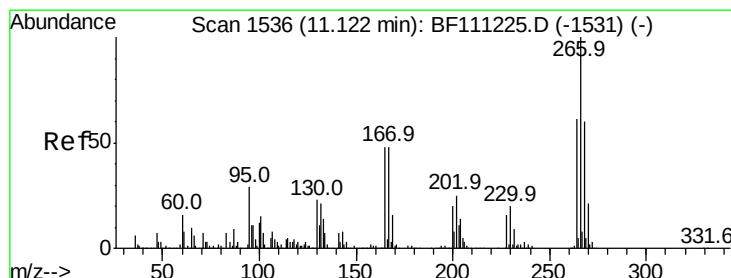
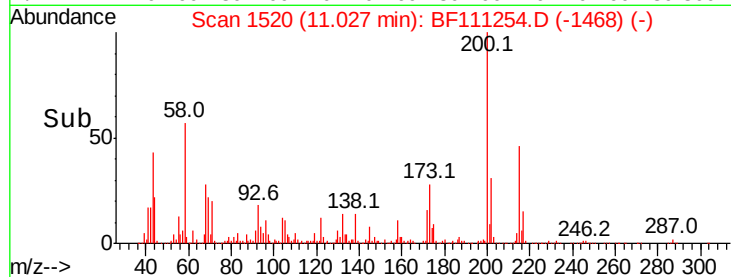
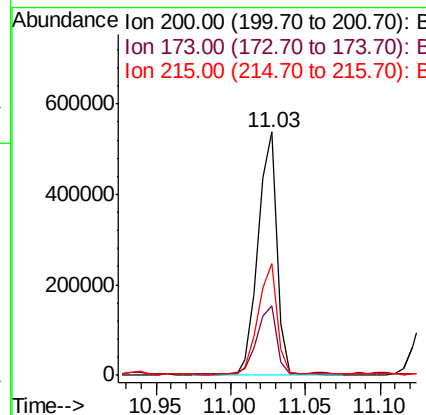
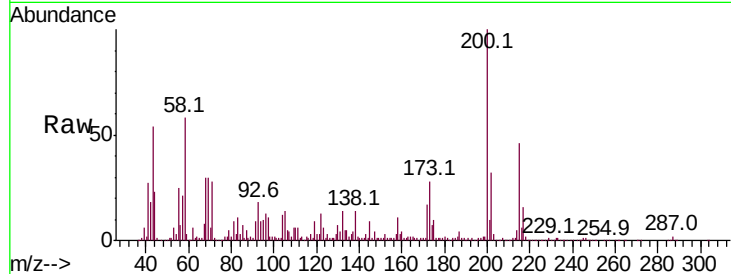
#69
Atrazine
Concen: 38.986 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.4	10.1	50.1
215	45.8	26.9	66.9

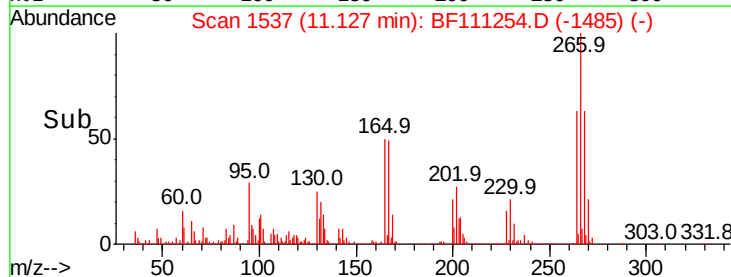
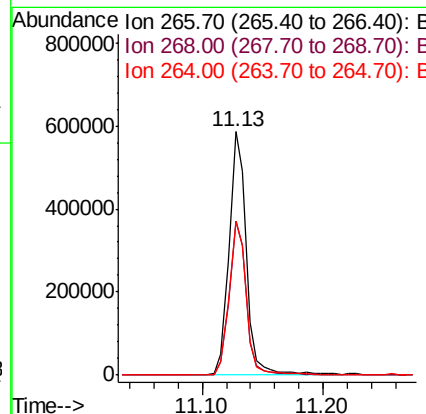
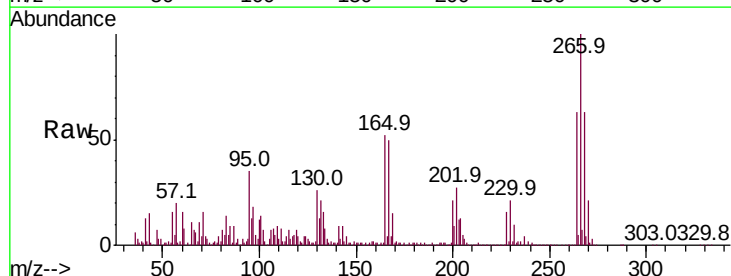
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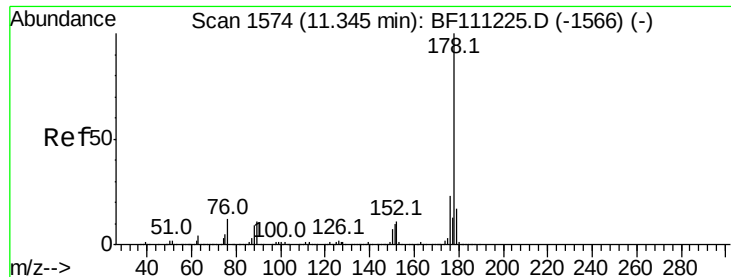
Sohil
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#70
Pentachlorophenol
Concen: 61.780 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.2	47.9	71.9
264	63.1	49.1	73.7





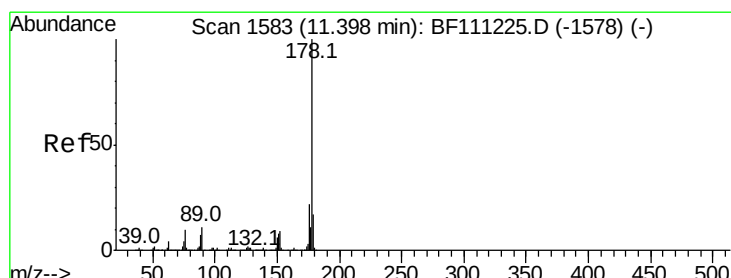
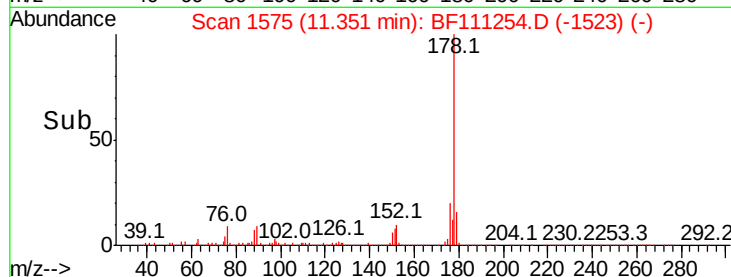
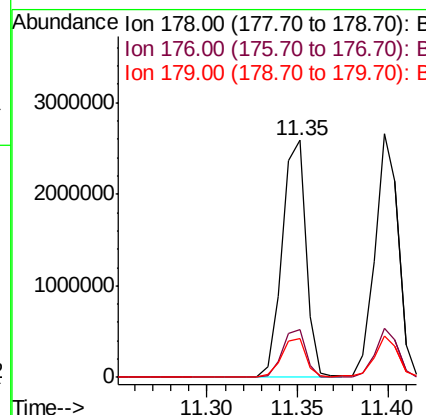
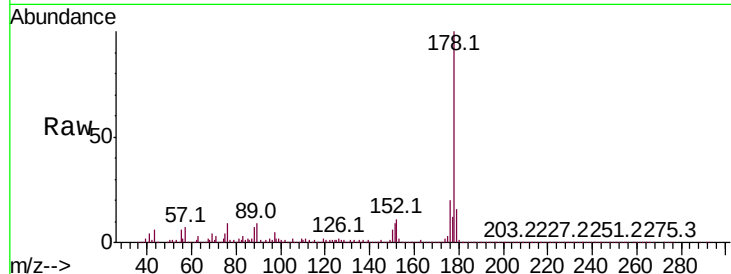
#71
Phenanthrene
Concen: 40.288 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion:178 Resp: 2362364
Ion Ratio Lower Upper
178 100
176 20.3 18.1 27.1
179 16.5 14.0 21.0

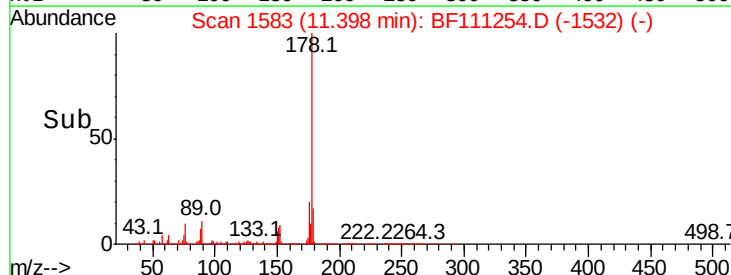
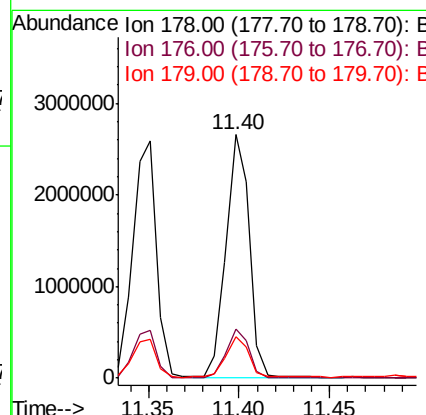
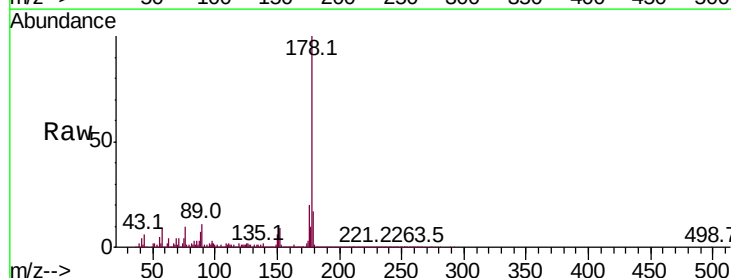
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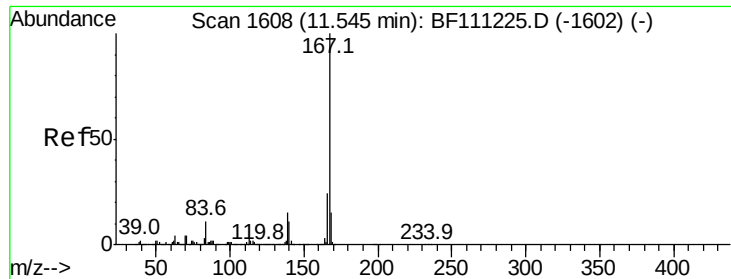
Sohil
12/11/2018 2:23:36 PM



#72
Anthracene
Concen: 38.437 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion:178 Resp: 2357947
Ion Ratio Lower Upper
178 100
176 20.1 17.2 25.8
179 17.2 13.8 20.8





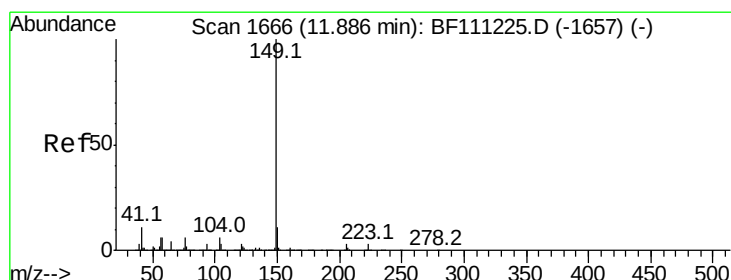
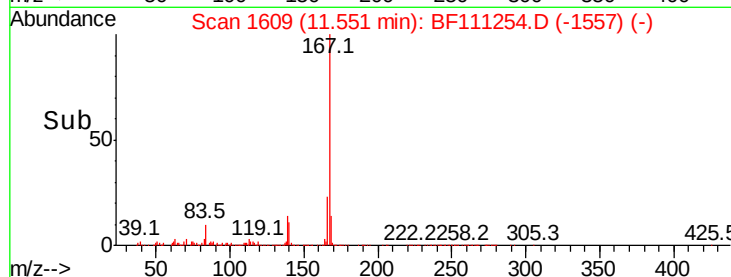
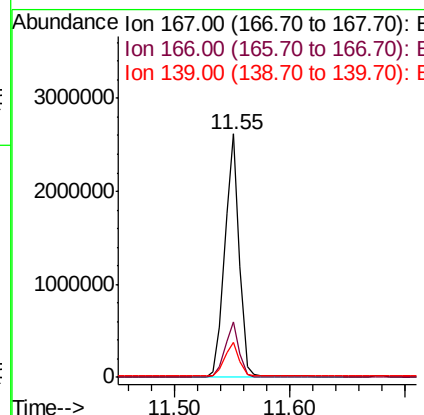
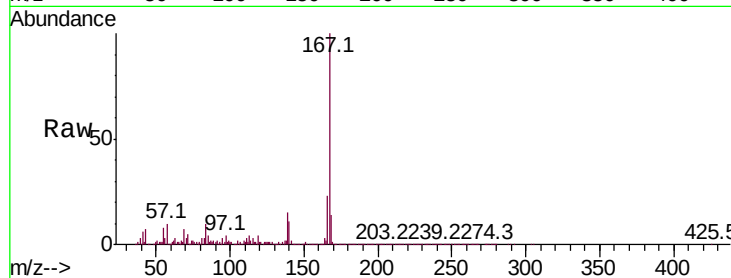
#73
 Carbazole
 Concen: 35.142 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.3	28.9
139	14.6	11.9	17.9

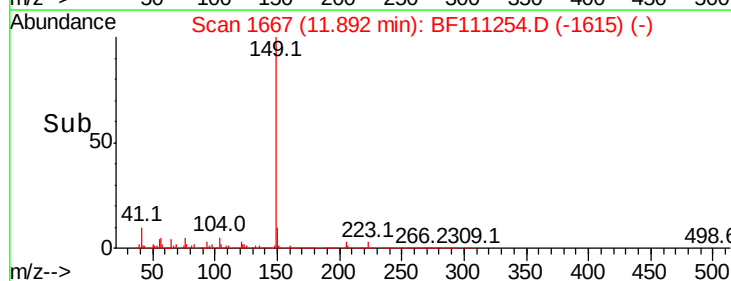
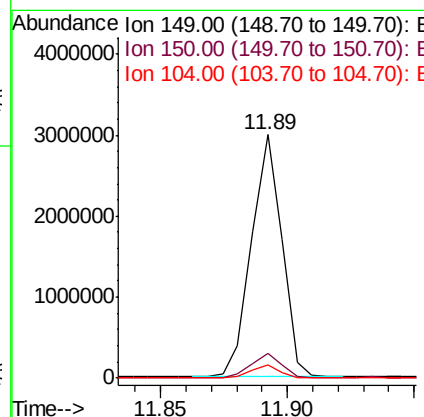
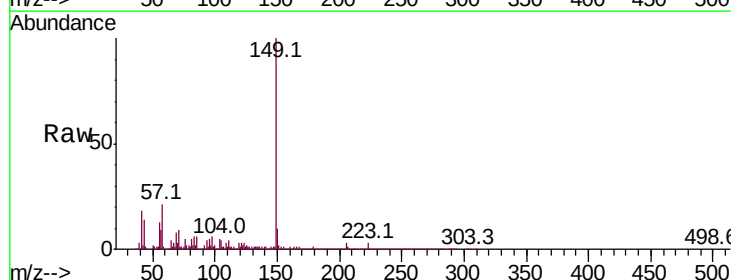
Manual Integrations
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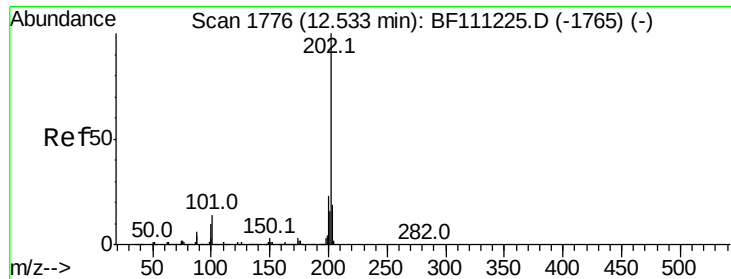
Sohil
 12/11/2018 2:23:36 PM



#74
 Di-n-butylphthalate
 Concen: 37.739 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.8	13.2
104	5.2	4.5	6.7





#75

Fluoranthene

Concen: 33.649 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

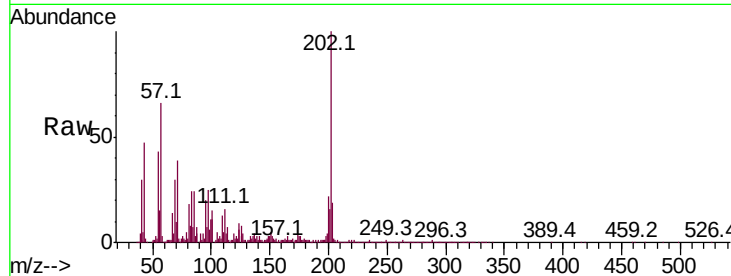
ClientSampleId :

AU-7-120618MS

Tot Ion:	202	Resp:	1802380
Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	33.8
203	18.6	0.0	38.6

Manual Integrations
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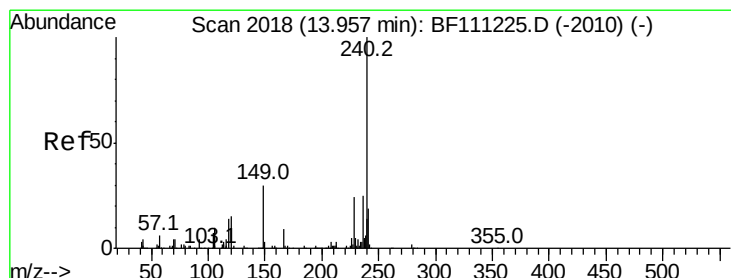
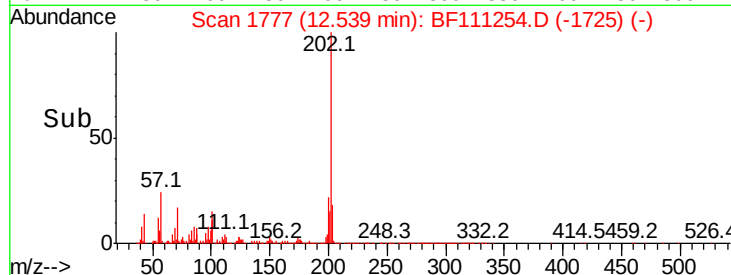
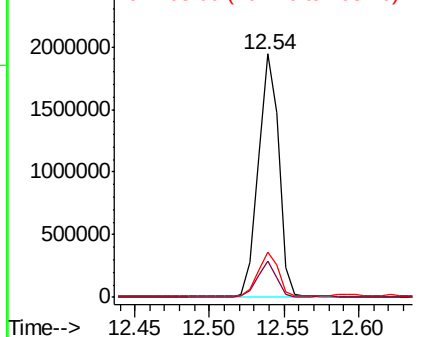


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

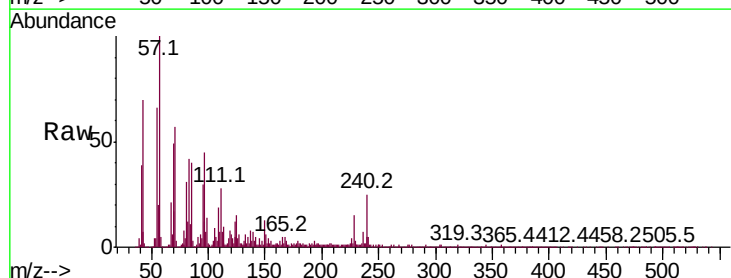
RT: 13.99 min Scan# 2023

Delta R.T. 0.03 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Tgt Ion:	240	Resp:	447710
Ion	Ratio	Lower	Upper
240	100		
120	25.0	12.2	18.2#
236	27.9	20.2	30.2

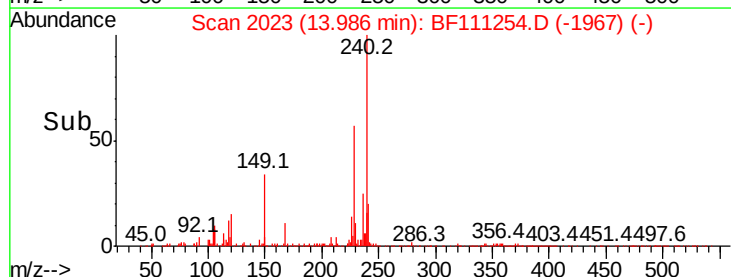
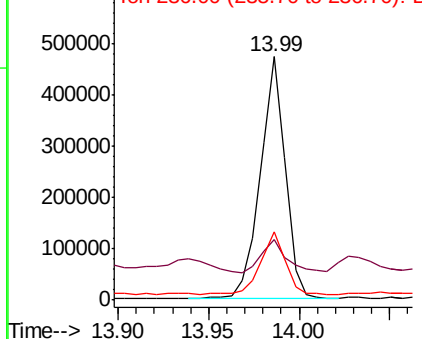


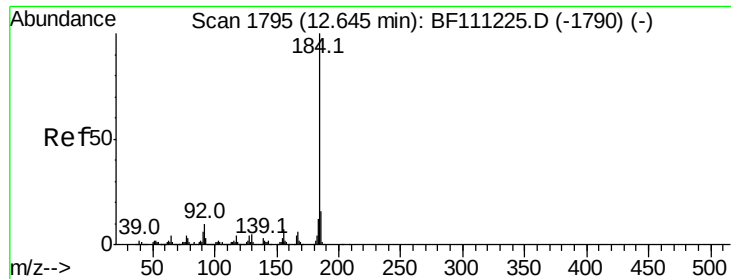
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.329 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.02 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MS

Tot Ion:184 Resp: 17669

Ion Ratio Lower Upper

184 100

185 112.7 13.0 19.6#

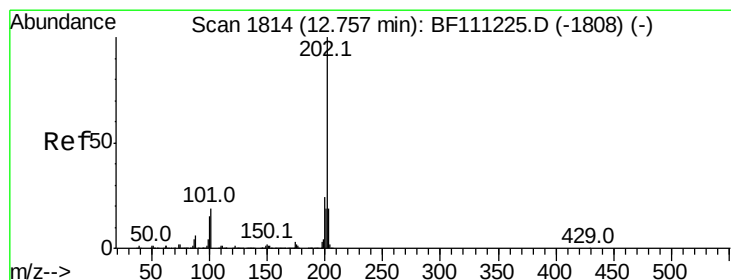
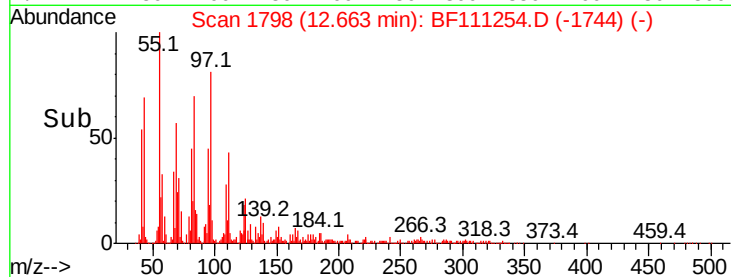
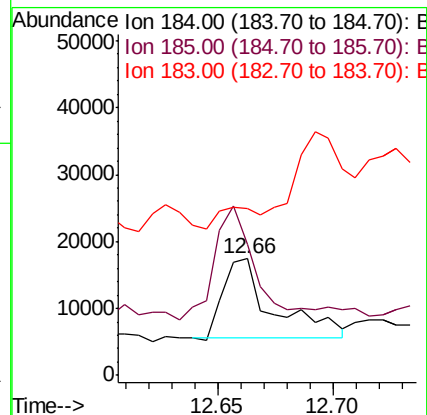
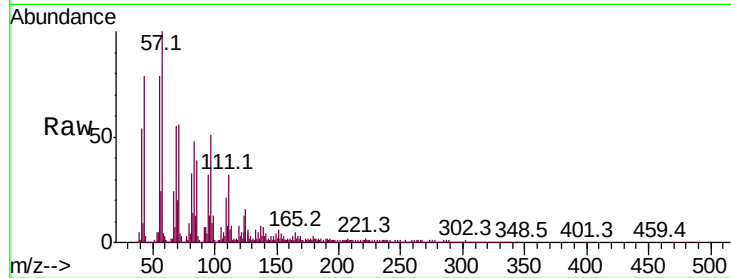
183 142.8 9.3 13.9#

Manual Integrations

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#78

Pyrene

Concen: 53.214 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

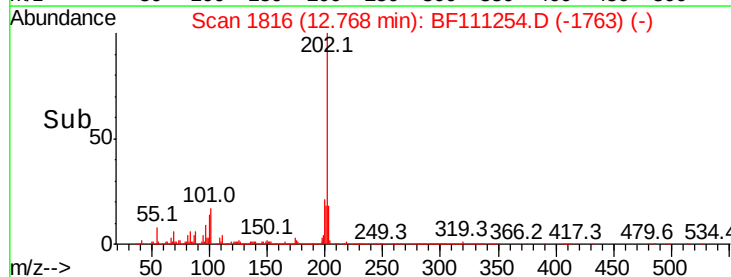
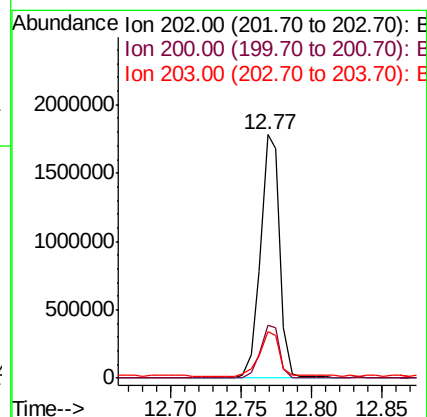
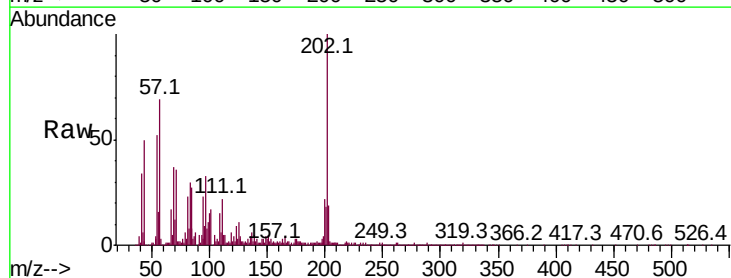
Tgt Ion:202 Resp: 1702495

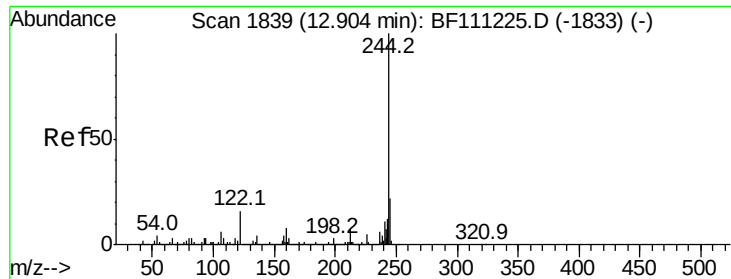
Ion Ratio Lower Upper

202 100

200 21.5 19.0 28.4

203 19.2 15.2 22.8





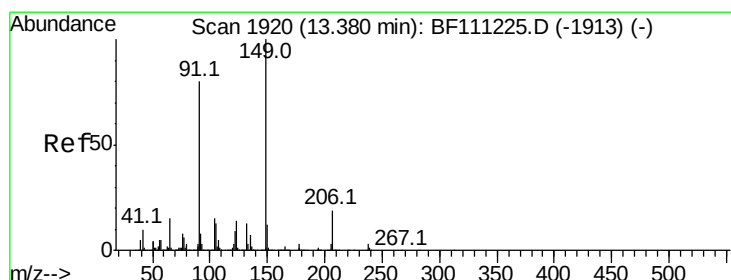
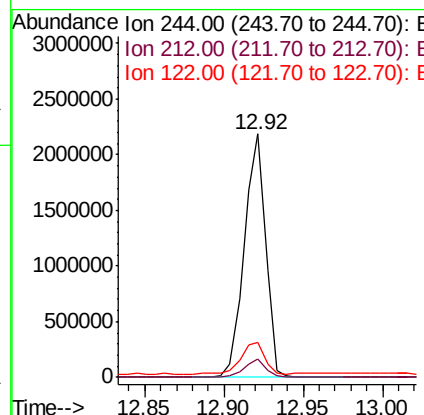
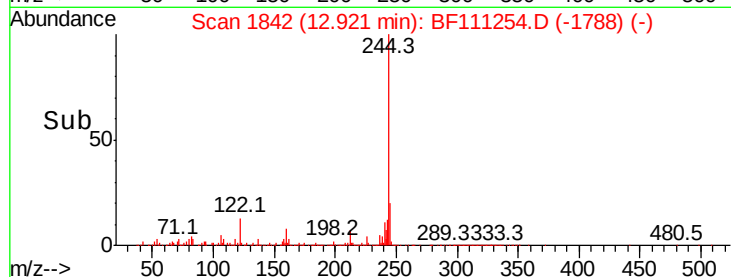
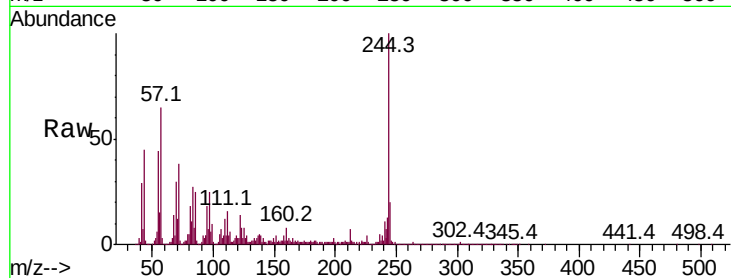
#79
 Terphenyl-d14
 Concen: 108.622 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.02 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	14.4	13.1	19.7

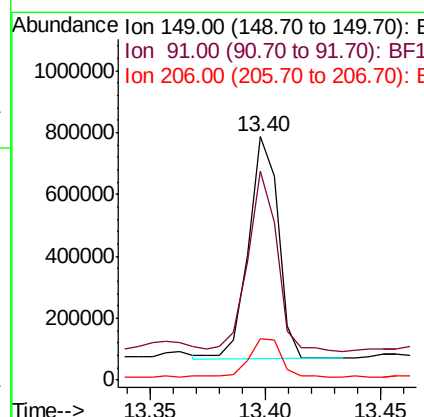
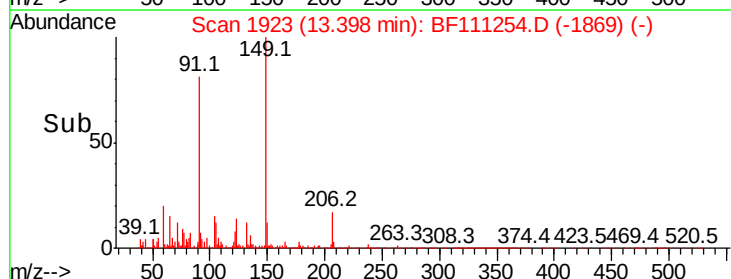
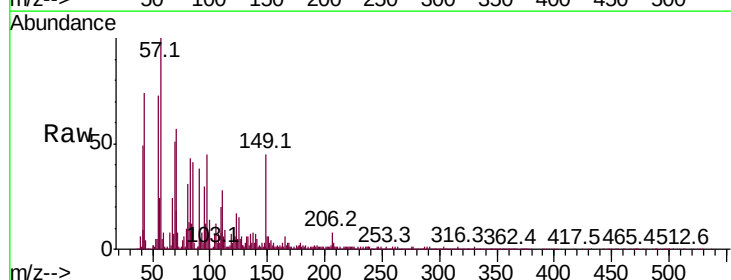
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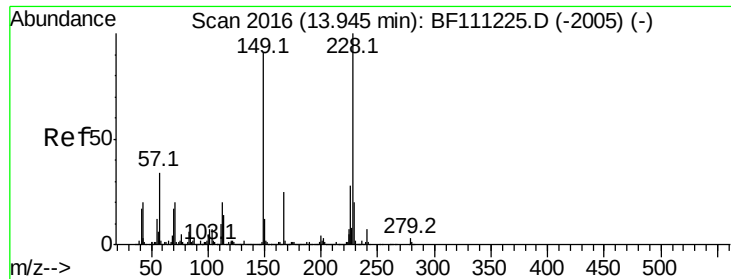
Sohil
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#80
 Butylbenzylphthalate
 Concen: 38.798 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.02 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	85.9	63.8	95.6
206	17.1	15.1	22.7





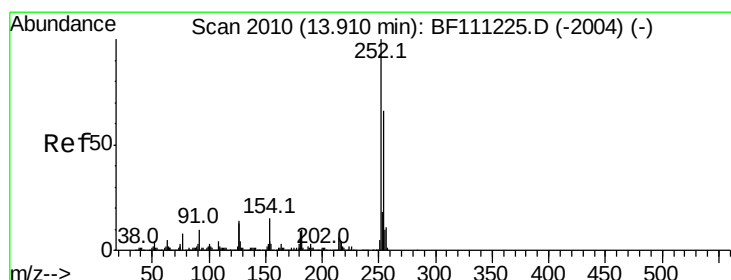
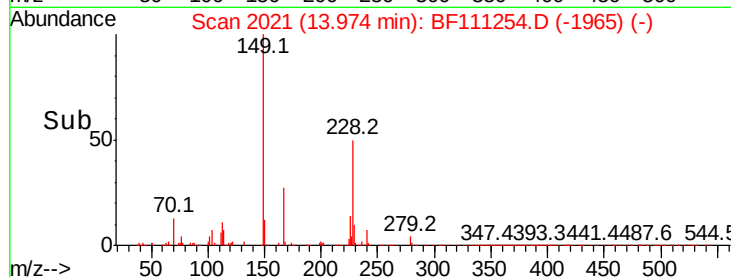
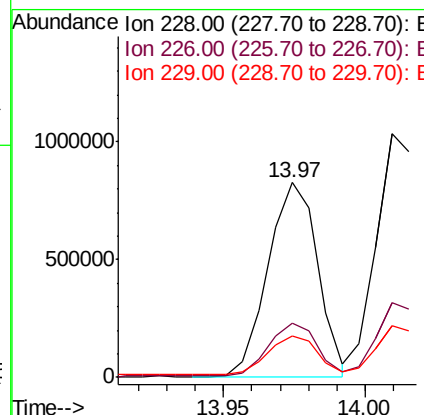
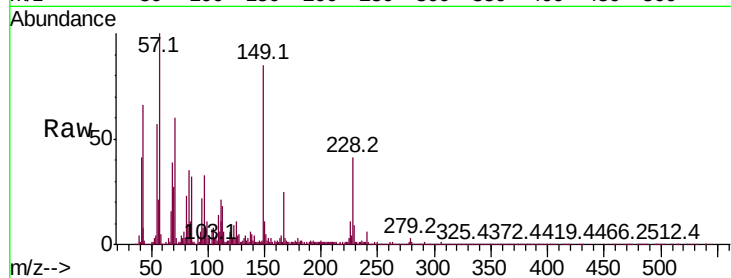
#81
Benzo(a)anthracene
Concen: 40.169 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.03 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	34.0
229	21.2	16.3	24.5

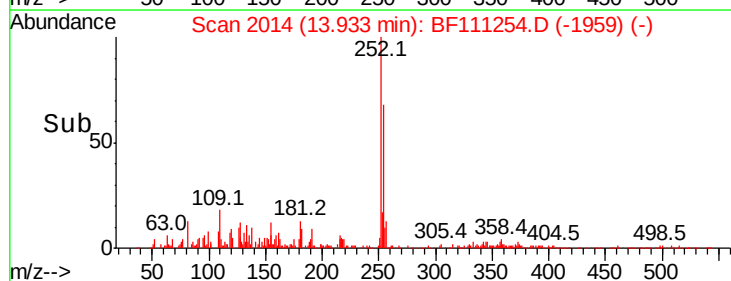
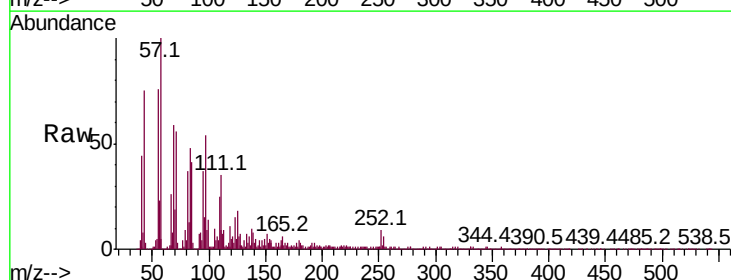
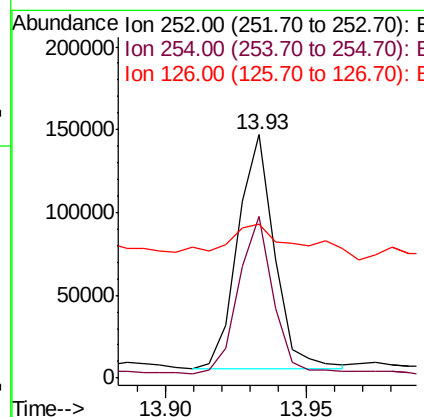
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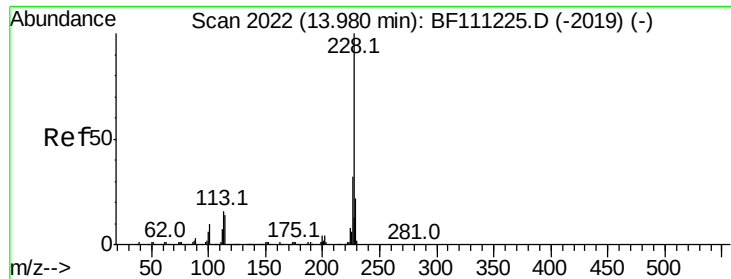
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 12.480 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.02 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.7	79.1
126	63.4	11.1	16.7#





#83
 Chrysene
 Concen: 40.947 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.03 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

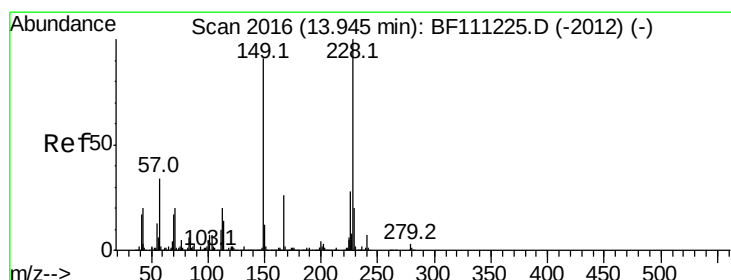
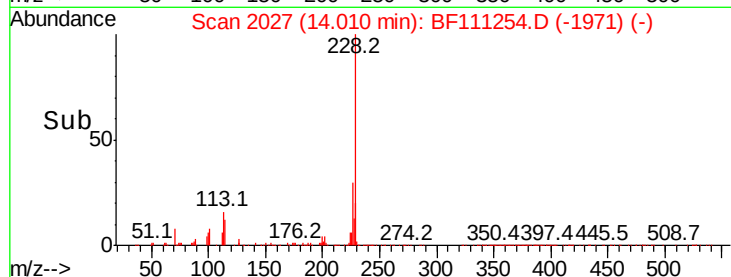
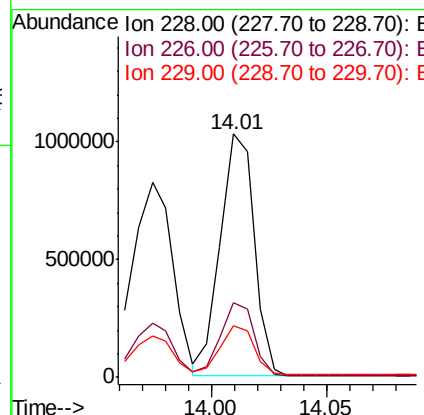
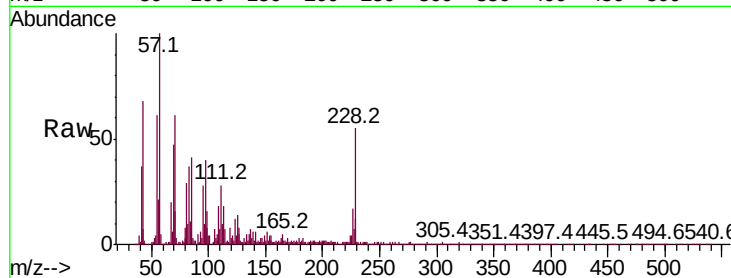
Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618MS

Tot Ion:228 Resp: 1054379

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.3	37.9
229	21.0	17.2	25.8

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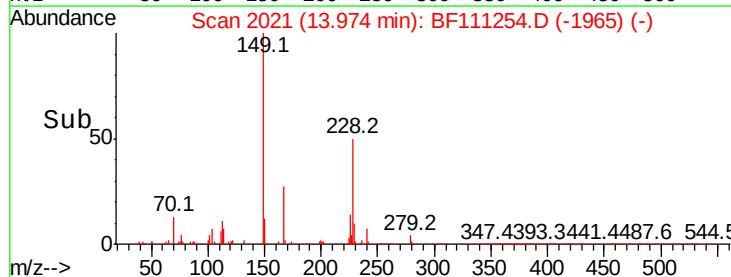
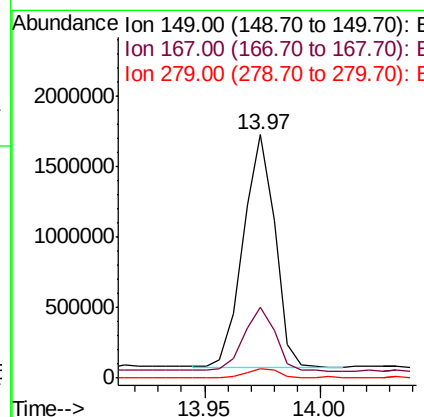
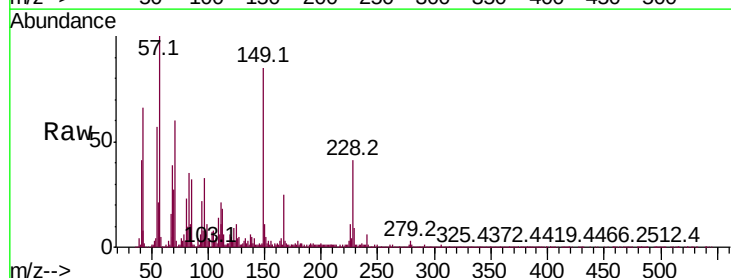
Sohil
 12/11/2018 2:23:36 PM

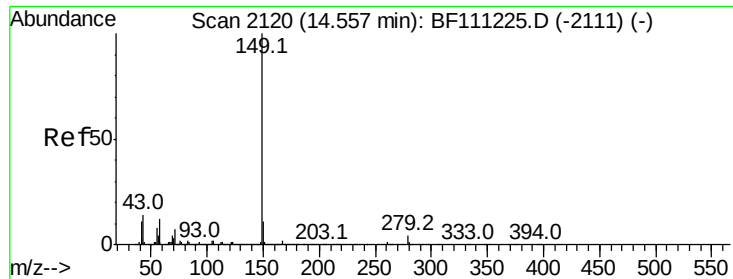


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 79.451 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.03 min
 Lab File: BF111254.D
 Acq: 10 Dec 2018 20:47

Tgt Ion:149 Resp: 1577650

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.5	33.7
279	4.0	2.6	4.0#





#85

Di-n-octyl phthalate

Concen: 38.175 ng

RT: 14.58 min Scan# 2124

Delta R.T. 0.02 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

ClientSampleId :

AU-7-120618MS

Tot Ion:149 Resp: 1270569

Ion Ratio Lower Upper

149 100

167 1.3 1.3 1.9

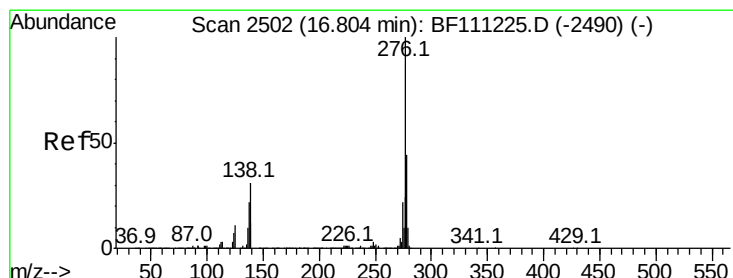
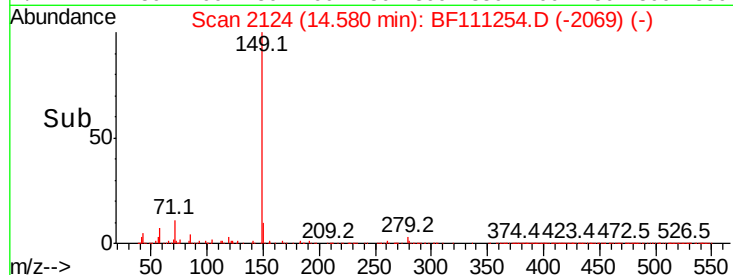
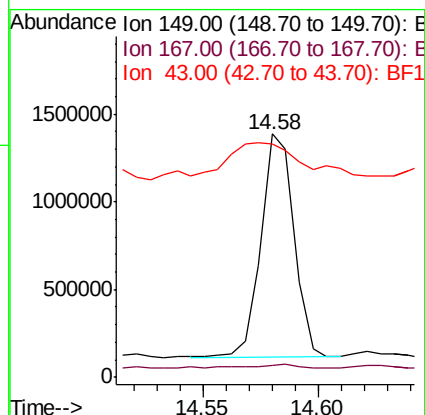
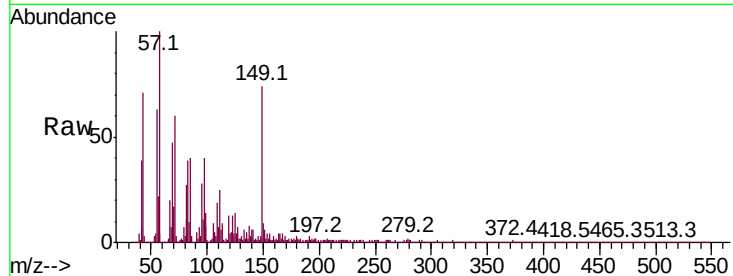
43 41.6 10.9 16.3#

Manual Integrations

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#86

Indeno(1,2,3-cd)pyrene

Concen: 59.008 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.06 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

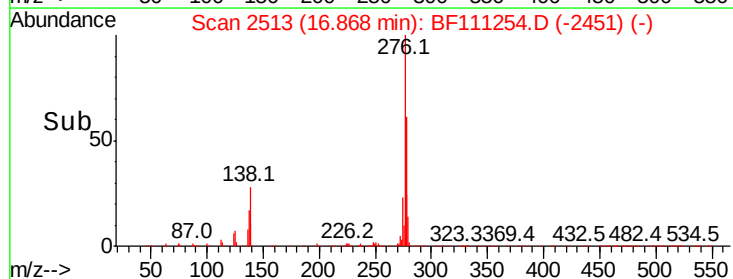
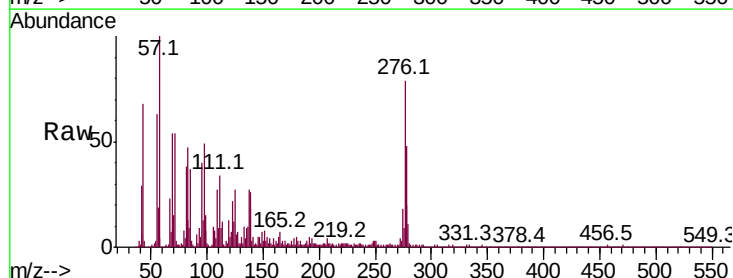
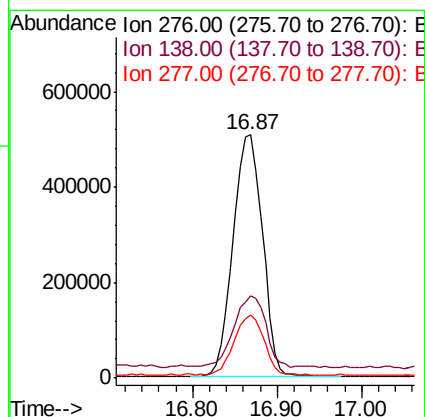
Tgt Ion:276 Resp: 1226538

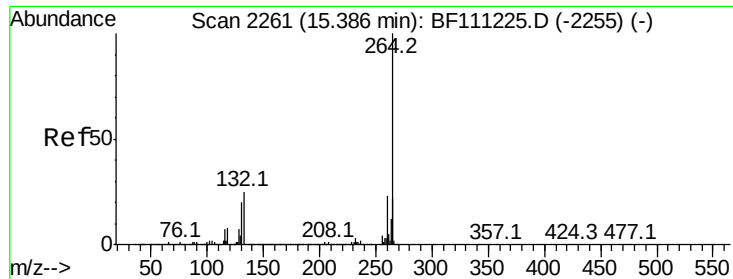
Ion Ratio Lower Upper

276 100

138 32.0 27.8 41.6

277 24.7 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.05 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Instrument :

BNA_F

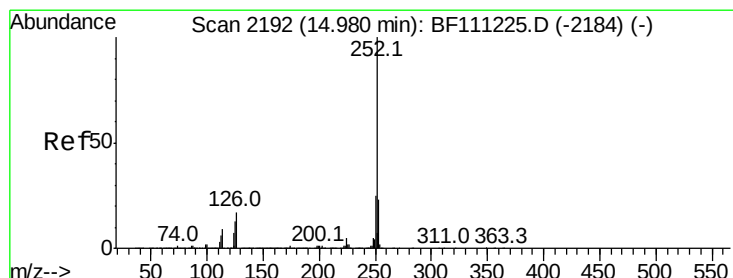
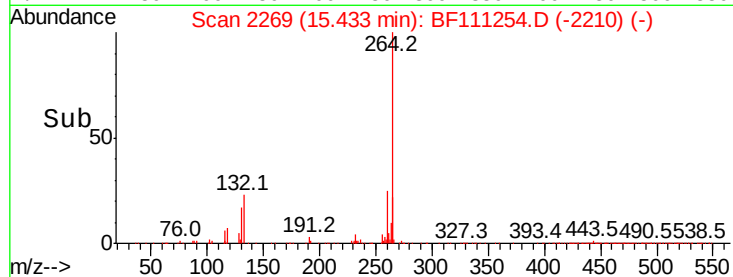
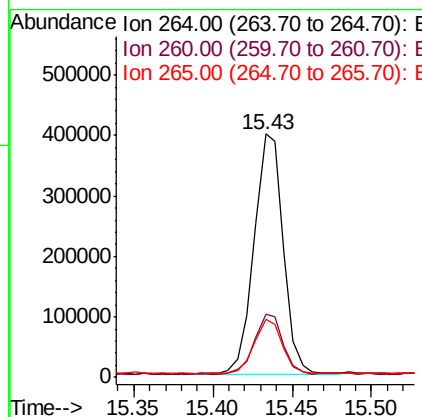
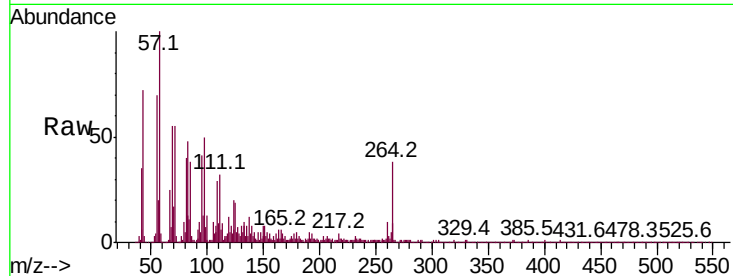
ClientSampleId :

AU-7-120618MS

Tot Ion:	264	Resp:	507443
Ion Ratio	Lower	Upper	
264	100		
260	25.8	18.3	27.5
265	23.6	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 40.454 ng

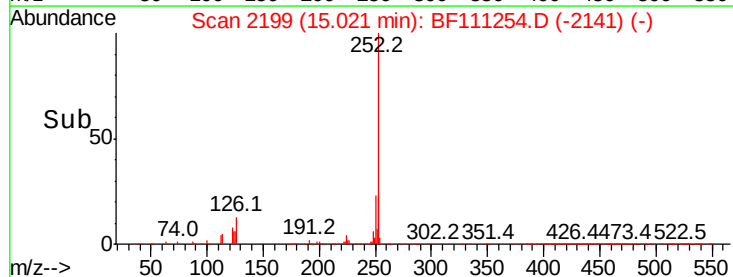
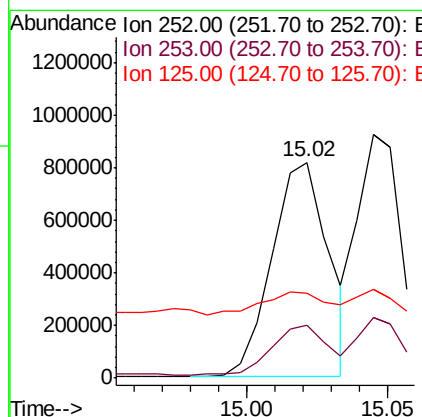
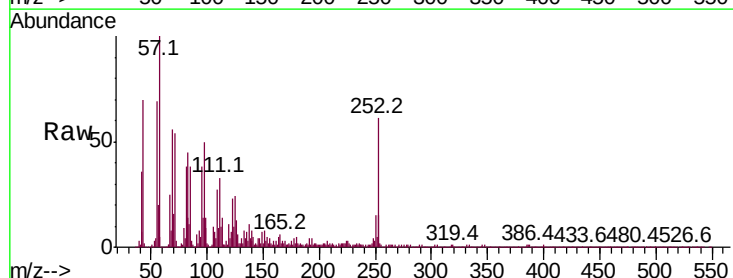
RT: 15.02 min Scan# 2199

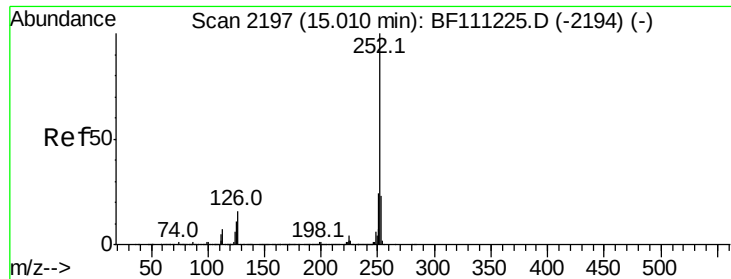
Delta R.T. 0.04 min

Lab File: BF111254.D

Acq: 10 Dec 2018 20:47

Tgt Ion:	252	Resp:	1135251
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.2	27.2
125	39.1	10.4	15.6#





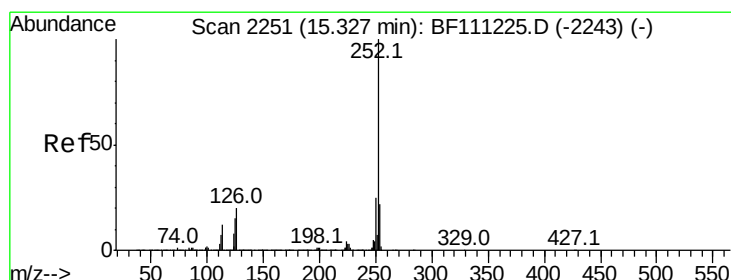
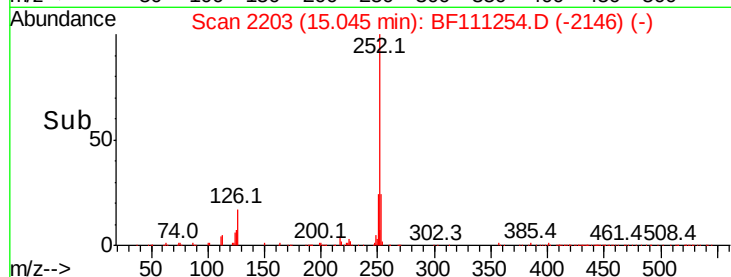
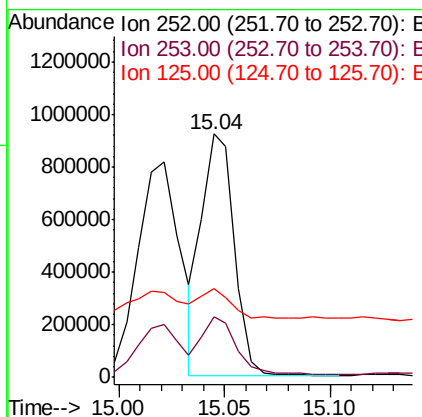
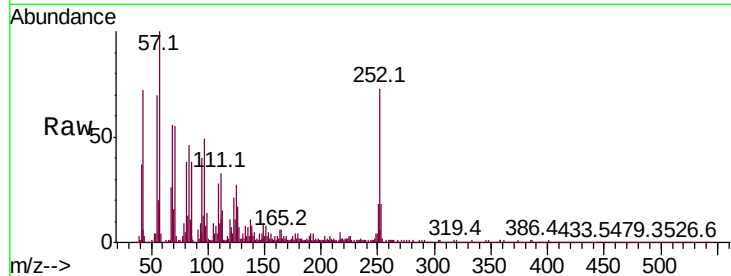
#89
Benzo(k)fluoranthene
Concen: 37.388 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.04 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.1	27.1
125	36.5	9.8	14.8

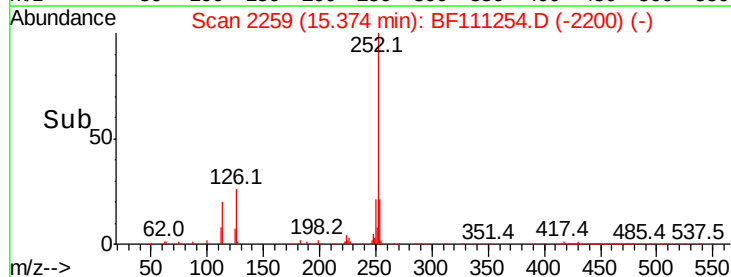
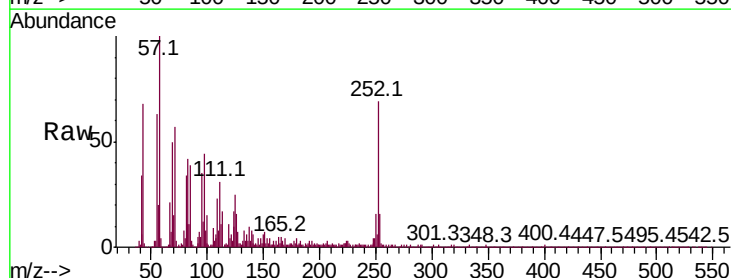
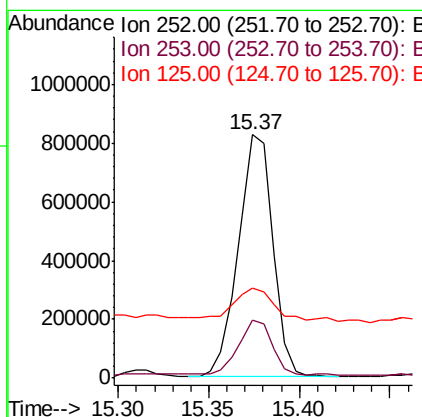
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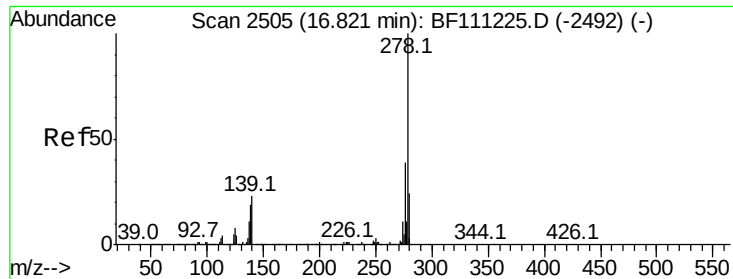
Sohil
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#90
Benzo(a)pyrene
Concen: 42.151 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.05 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	36.9	12.3	18.5





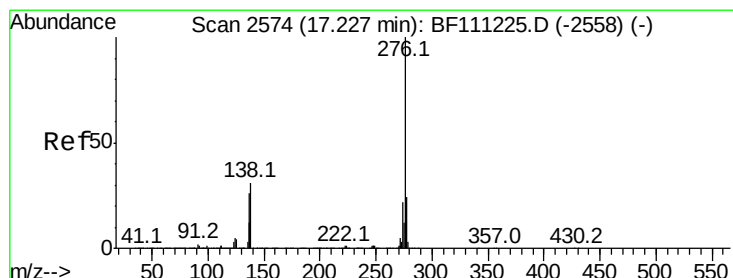
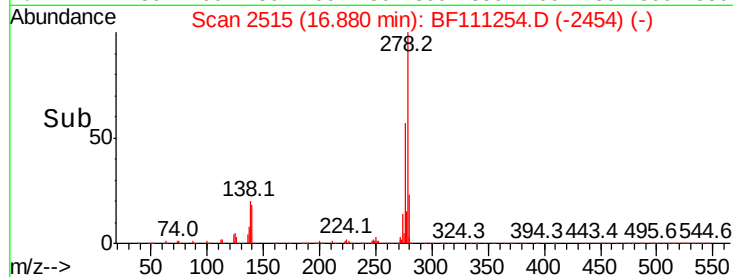
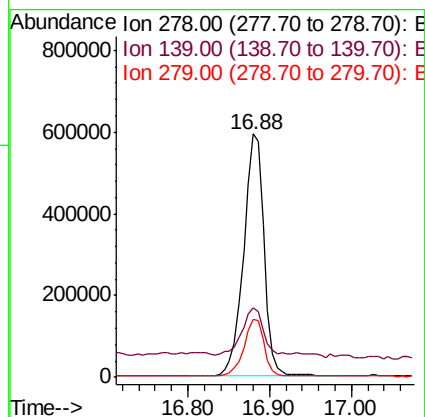
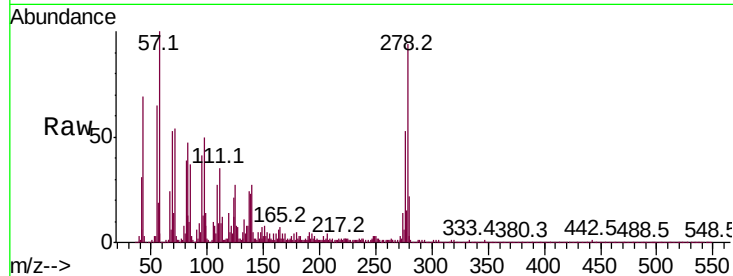
#91
Dibenzo(a,h)anthracene
Concen: 50.493 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.06 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Instrument :
BNA_F
ClientSampleId :
AU-7-120618MS

Tot Ion:278 Resp: 1024886
Ion Ratio Lower Upper
278 100
139 28.3 18.2 27.4#
279 23.6 19.0 28.6

Manual Integrations
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12/11/2018 2:23:36 PM



#92
Benzo(g,h,i)perylene
Concen: 51.651 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.06 min
Lab File: BF111254.D
Acq: 10 Dec 2018 20:47

Tgt Ion:276 Resp: 1049475
Ion Ratio Lower Upper
276 100
277 25.3 19.2 28.8
138 31.6 24.9 37.3

